*639.3
R15.19 #2
I

# DAY BOOK

# TABLE OF DAYS BETWEEN TWO DATES.

A TABLE OF THE NUMBER OF DAYS BETWEEN ANY TWO DAYS WITHIN TWO YEARS.

| Day Mo. | Jan. | Feb. | March. | April. | May. | June. | July. | August. | Sept. | October. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 32 | 60 | 91 | 121 | 152 | 182 | 213 | 244 | 274 | 305 | 335 |
| 2 | 2 | 33 | 61 | 92 | 122 | 153 | 183 | 214 | 245 | 275 | 306 | 336 |
| 3 | 3 | 34 | 62 | 93 | 123 | 154 | 184 | 215 | 246 | 276 | 307 | 337 |
| 4 | 4 | 35 | 63 | 94 | 124 | 155 | 185 | 216 | 247 | 277 | 308 | 338 |
| 5 | 5 | 36 | 64 | 95 | 125 | 156 | 186 | 217 | 248 | 278 | 309 | 339 |
| 6 | 6 | 37 | 65 | 96 | 126 | 157 | 187 | 218 | 249 | 279 | 310 | 340 |
| 7 | 7 | 38 | 66 | 97 | 127 | 158 | 188 | 219 | 250 | 280 | 311 | 341 |
| 8 | 8 | 39 | 67 | 98 | 128 | 159 | 189 | 220 | 251 | 281 | 312 | 342 |
| 9 | 9 | 40 | 68 | 99 | 129 | 160 | 190 | 221 | 252 | 282 | 313 | 343 |
| 10 | 10 | 41 | 69 | 100 | 130 | 161 | 191 | 222 | 253 | 283 | 314 | 344 |
| 11 | 11 | 42 | 70 | 101 | 131 | 162 | 192 | 223 | 254 | 284 | 315 | 345 |
| 12 | 12 | 43 | 71 | 102 | 132 | 163 | 193 | 224 | 255 | 285 | 316 | 346 |
| 13 | 13 | 44 | 72 | 103 | 133 | 164 | 194 | 225 | 256 | 286 | 317 | 347 |
| 14 | 14 | 45 | 73 | 104 | 134 | 165 | 195 | 226 | 257 | 287 | 318 | 348 |
| 15 | 15 | 46 | 74 | 105 | 135 | 166 | 196 | 227 | 258 | 288 | 319 | 349 |
| 16 | 16 | 47 | 75 | 106 | 136 | 167 | 197 | 228 | 259 | 289 | 320 | 350 |
| 17 | 17 | 48 | 76 | 107 | 137 | 168 | 198 | 229 | 260 | 290 | 321 | 351 |
| 18 | 18 | 49 | 77 | 108 | 138 | 169 | 199 | 230 | 261 | 291 | 322 | 352 |
| 19 | 19 | 50 | 78 | 109 | 139 | 170 | 200 | 231 | 262 | 292 | 323 | 353 |
| 20 | 20 | 51 | 79 | 110 | 140 | 171 | 201 | 232 | 263 | 293 | 324 | 354 |
| 21 | 21 | 52 | 80 | 111 | 141 | 172 | 202 | 233 | 264 | 294 | 325 | 355 |
| 22 | 22 | 53 | 81 | 112 | 142 | 173 | 203 | 234 | 265 | 295 | 326 | 356 |
| 23 | 23 | 54 | 82 | 113 | 143 | 174 | 204 | 235 | 266 | 296 | 327 | 357 |
| 24 | 24 | 55 | 83 | 114 | 144 | 175 | 205 | 236 | 267 | 297 | 328 | 358 |
| 25 | 25 | 56 | 84 | 115 | 145 | 176 | 206 | 237 | 268 | 298 | 329 | 359 |
| 26 | 26 | 57 | 85 | 116 | 146 | 177 | 207 | 238 | 269 | 299 | 330 | 360 |
| 27 | 27 | 58 | 86 | 117 | 147 | 178 | 208 | 239 | 270 | 300 | 331 | 361 |
| 28 | 28 | 59 | 87 | 118 | 148 | 179 | 209 | 240 | 271 | 301 | 332 | 362 |
| 29 | 29 | .. | 88 | 119 | 149 | 180 | 210 | 241 | 272 | 302 | 333 | 363 |
| 30 | 30 | .. | 89 | 120 | 150 | 181 | 211 | 242 | 273 | 303 | 334 | 364 |
| 31 | 31 | .. | 90 | ... | 151 | | 212 | 243 | ... | 304 | ... | 365 |

| Day Mo. | Jan. | Feb. | March. | April. | May. | June. | July. | August. | Sept. | October. | Nov. | Dec. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 366 | 397 | 425 | 456 | 486 | 517 | 547 | 578 | 609 | 639 | 670 | 730 |
| 2 | 367 | 398 | 426 | 457 | 487 | 518 | 548 | 579 | 610 | 640 | 671 | 701 |
| 3 | 368 | 399 | 427 | 458 | 488 | 519 | 549 | 580 | 611 | 641 | 672 | 702 |
| 4 | 369 | 400 | 428 | 459 | 489 | 520 | 550 | 581 | 612 | 642 | 673 | 703 |
| 5 | 370 | 401 | 429 | 460 | 490 | 521 | 551 | 582 | 613 | 643 | 674 | 704 |
| 6 | 371 | 402 | 430 | 461 | 491 | 522 | 552 | 583 | 614 | 644 | 675 | 705 |
| 7 | 372 | 403 | 431 | 462 | 492 | 523 | 553 | 584 | 615 | 645 | 676 | 706 |
| 8 | 373 | 404 | 432 | 463 | 493 | 524 | 554 | 585 | 616 | 646 | 677 | 707 |
| 9 | 374 | 405 | 433 | 464 | 494 | 525 | 555 | 586 | 617 | 647 | 678 | 708 |
| 10 | 375 | 406 | 434 | 465 | 495 | 526 | 556 | 587 | 618 | 648 | 679 | 709 |
| 11 | 376 | 407 | 435 | 466 | 496 | 527 | 557 | 588 | 619 | 649 | 680 | 710 |
| 12 | 377 | 408 | 436 | 467 | 497 | 528 | 558 | 589 | 620 | 650 | 681 | 711 |
| 13 | 378 | 409 | 437 | 468 | 498 | 529 | 559 | 590 | 621 | 651 | 682 | 712 |
| 14 | 379 | 410 | 438 | 469 | 499 | 530 | 560 | 591 | 622 | 652 | 683 | 713 |
| 15 | 380 | 411 | 439 | 470 | 500 | 531 | 561 | 592 | 623 | 653 | 684 | 714 |
| 16 | 381 | 412 | 440 | 471 | 501 | 532 | 562 | 593 | 624 | 654 | 685 | 715 |
| 17 | 382 | 413 | 441 | 472 | 502 | 533 | 563 | 594 | 625 | 655 | 686 | 716 |
| 18 | 383 | 414 | 442 | 473 | 503 | 534 | 564 | 595 | 626 | 656 | 687 | 717 |
| 19 | 384 | 415 | 443 | 474 | 504 | 535 | 565 | 596 | 627 | 657 | 688 | 718 |
| 20 | 385 | 416 | 444 | 475 | 505 | 536 | 566 | 597 | 628 | 658 | 689 | 719 |
| 21 | 386 | 417 | 445 | 476 | 506 | 537 | 567 | 598 | 629 | 659 | 690 | 720 |
| 22 | 387 | 418 | 446 | 477 | 507 | 538 | 568 | 599 | 630 | 660 | 691 | 721 |
| 23 | 388 | 419 | 447 | 478 | 508 | 539 | 569 | 600 | 631 | 661 | 692 | 722 |
| 24 | 389 | 420 | 448 | 479 | 509 | 540 | 570 | 601 | 632 | 662 | 693 | 723 |
| 25 | 390 | 421 | 449 | 480 | 510 | 541 | 571 | 602 | 633 | 663 | 694 | 724 |
| 26 | 391 | 422 | 450 | 481 | 511 | 542 | 572 | 603 | 634 | 664 | 695 | 725 |
| 27 | 392 | 423 | 451 | 482 | 512 | 543 | 573 | 604 | 635 | 665 | 696 | 726 |
| 28 | 393 | 424 | 452 | 483 | 513 | 544 | 574 | 605 | 636 | 666 | 697 | 727 |
| 29 | 394 | ... | 453 | 484 | 514 | 545 | 575 | 606 | 637 | 667 | 698 | 728 |
| 30 | 395 | ... | 454 | 485 | 515 | 546 | 576 | 607 | 638 | 668 | 699 | 729 |
| 31 | 396 | ... | 455 | ... | 516 | ... | 577 | 608 | ... | 669 | ... | 730 |

The above table applies to ordinary years only. For leap year, one day must be added to each number of days after February 28.

EXAMPLE.—To find the number of days between June 3, 1392, and February 16, 1393. The figures opposite the third day in the first June column are 154; those opposite the sixteenth day in the second February column are 412. Subtract the first from the second product—*i. e.*, 154 from 412, and the result is 258, the number of days between the two dates.

## Weight per Bushel of Grain, Etc.

**The following Table shows the number of pounds per bushel required, by the law or custom, in the sale of articles specified in the several States of the Union:**

| STATES. | Barley. | Buckwheat | Coal. | Corn, shel'd. | Corn Meal. | Onions. | Oats. | Potatoes. | Rye. | Wheat. | Salt. | Turnips. | Beans, wh. | Clover S'd. | Timothy. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Maine | 48 | 48 | | 56 | 50 | 52 | 30 | 60 | | 60 | | 50 | 64 | | |
| N. Hampshire | | | | 56 | 50 | | 30 | 60 | 56 | 60 | | | 60 | | |
| Vermont | 48 | 48 | | | | | 32 | 60 | 56 | 60 | 70 | | 64 | 60 | 42 |
| Massachusetts | 48 | 48 | | 56 | 50 | 52 | 32 | 60 | 56 | 60 | | | | | |
| Connecticut | | 45 | | 56 | | | 32 | 60 | 56 | 56 | | | | | |
| New York | 48 | 48 | | 58 | | | 32 | 60 | 56 | 60 | | | 62 | 60 | 44 |
| New Jersey | 48 | 50 | | 56 | | | 30 | 60 | 56 | 60 | | | | 64 | |
| Pennsylvania | 47 | 48 | | 56 | | | 30 | 56 | 56 | 60 | 85 | | | 62 | |
| Delaware | | | | 56 | | | | | | 60 | | | | | |
| Maryland | 48 | 48 | | 56 | | 57 | 32 | 60 | 56 | 60 | 56 | | 62 | 64 | 45 |
| Dist. Columbia | 47 | 48 | | 56 | 48 | 57 | 32 | 56 | 56 | 60 | 50 | 55 | 62 | 60 | 45 |
| Virginia | 48 | 48 | | 56 | 50 | | 32 | 60 | 56 | 60 | | 56 | 60 | 64 | 45 |
| West Virginia | 48 | 52 | 80 | 56 | 48 | | 32 | 60 | 56 | 60 | | 60 | 60 | 60 | 45 |
| North Carolina | 48 | 50 | | 54 | 46 | | 30 | | 56 | 60 | | | | 64 | |
| South Carolina | 48 | 56 | 80 | 56 | 50 | 57 | 33 | 60 | 56 | 60 | 50 | | 60 | 60 | |
| Georgia | 40 | | 80 | 56 | 48 | 57 | 35 | 56 | | 60 | 56 | | | 60 | 45 |
| Louisiana | 32 | | | 56 | | | 32 | | | 60 | | | | | |
| Arkansas | 48 | 52 | 80 | 56 | 50 | 07 | 32 | 60 | 56 | 60 | 50 | | 60 | 60 | 45 |
| Tennessee | 48 | 50 | | 56 | 50 | 56 | 32 | 60 | 56 | 60 | | | 60 | | 45 |
| Kentucky | 48 | 52 | | 56 | 50 | 57 | 33 | 56 | 56 | 60 | 50 | | 60 | 60 | 45 |
| Ohio | 48 | 50 | | 56 | | | 32 | 60 | 56 | 60 | | | 60 | 60 | 45 |
| Michigan | 48 | 4- | 80 | 56 | | 54 | 32 | 60 | 56 | 60 | 56 | 58 | 60 | 60 | 45 |
| Indiana | 48 | 50 | 70 | 56 | 50 | 48 | 32 | 60 | 56 | 60 | 50 | | 60 | 60 | |
| Illinois | 48 | 52 | | 56 | 48 | 57 | 32 | 60 | 56 | 60 | 50 | | 60 | 60 | |
| Wisconsin | 48 | 50 | | 56 | | | 32 | 60 | 56 | 60 | | | | 60 | |
| Minnesota | 48 | 42 | | 56 | | | 32 | 60 | 56 | 60 | | | | 60 | |
| Iowa | 48 | 52 | | 56 | | 57 | 33 | 60 | 56 | 60 | 50 | | 60 | 60 | 45 |
| Missouri | 48 | 52 | | 56 | | 57 | 32 | 60 | 56 | 60 | 50 | | 60 | 60 | 45 |
| Kansas | 50 | 50 | | 56 | 50 | 57 | 32 | 60 | 56 | 60 | 50 | 55 | 60 | | 45 |
| Nebraska | 48 | 52 | | 56 | 50 | 57 | 34 | 60 | 56 | 60 | 50 | 55 | 60 | 60 | 45 |
| California | 50 | 40 | | 52 | | | 32 | | 54 | 60 | | | | | |
| Oregon | 46 | 42 | | 56 | | | 36 | 60 | 56 | 60 | | | | 60 | |

## Carrying Capacity of a Freight Car.

**This Table is for Ten-Ton Cars.**

| | |
|---|---|
| Whiskey | 60 barrels |
| Salt | 70 " |
| Lime | 70 " |
| Flour | 90 " |
| Eggs | 130 to 160 " |
| Flour | 200 sacks |
| Wood | 6 cords |
| Cattle | 18 to 20 head |
| Hogs | 50 to 60 " |
| Sheep | 80 to 100 " |
| Lumber | 6,000 feet |
| Barley | 300 bushels |
| Wheat | 340 " |
| Flax Seed | 360 " |
| Apples | 370 " |
| Corn | 400 " |
| Potatoes | 430 " |
| Oats | 680 " |
| Bran | 1,000 " |
| Butter | 20,000 pounds |

## Short Method for Calculating Interest.

Multiply the principal by as many hundreds as there are days, and

| | |
|---|---|
| For 4 per cent | Divide by 90 |
| " 5 " | " 72 |
| " 6 " | " 60 |
| " 7 " | " 52 |
| " 8 " | " 45 |
| " 9 " | " 40 |
| " 10 " | " 36 |
| " 12 " | " 30 |

EXAMPLE—Interest on $50 for 30 days at four per cent, 50×30=15.00, which divided by 9 = 166⅔ cents—the required result.

## Quantity of Seed Required to Plant an Acre.

| KIND OF SEED. | QUANTITY. |
|---|---|
| Asparagus, in 12-inch drills | 16 qts. |
| Asparagus Plants, 4 by 1½ feet | 8,000 |
| Barley | 2½ bush. |
| Beans, bush, in drills, 2½ feet | 1½ bush. |
| Beans, pole Lima, 4 by 4 feet | 20 qts. |
| Beans, Carolina, prolific, etc., 4 by 3 feet | 10 qts. |
| Beets and mangold, drills, 2½ feet | 9 lbs. |
| Broom Corn, in drills | 12 lbs. |
| Cabbage, outside, for transplanting | 12 ozs. |
| Cabbage, sown in frames | 4 ozs. |
| Carrot, in drills, 2½ feet | 4 lbs. |
| Celery, seed | 8 qts |
| Celery, plant, 4 by ½ feet | 25,000 |
| Clover, white Dutch | 13 lbs. |
| Clover, Lucerne | 10 lbs. |
| Clover, Alsike | 6 lbs. |
| Clover, large red with timothy | 12 lbs. |
| Clover, large red without timothy | 6 lbs. |
| Corn, sugar, | 10 qts. |
| Corn, field | 8 qts. |
| Corn, salad, drill 10 inches | 25 lbs. |
| Cucumber, in hills | 3 qts. |
| Flax, broadcast | 20 qts. |
| Grass, timothy with clover | 6 qts. |
| Grass, timothy without clover | 10 qts. |
| Grass, orchard | 25 qts. |
| Grass, red top or heads | 20 qts. |
| Grass, blue | 28 qts. |
| Grass, rye | 20 qts. |
| Lettuce, in rows 2 feet | 3 lbs. |
| Lawn grass | 35 lbs. |
| Melons, water, in hills 8 by 3 feet | 3 lbs. |
| Melons, citrons, in hills 4 by 4 feet | 2 lbs. |
| Oats | 2 bush. |
| Onion, in bed for sets | 50 lbs. |
| Onions, in rows for large bulbs | 7 lbs. |
| Parsnip, in drills 2½ feet | 5 lbs. |
| Pepper, plants, 2½ by 1 feet | 17,500 |
| Pumpkin, in hills 8 by 8 feet | 2 qts. |
| Parsley, in drills 2 feet | 4 lbs. |
| Peas, in drills, short varieties | 2 bush. |
| Peas, in drills, tall varieties | 1 to 1½ bush. |
| Peas, broadcast | 3 bush. |
| Potatoes | 8 bush. |
| Radish, in drills 2 feet | 10 lbs. |
| Rye, broadcast | 1½ bush |
| Rye, drilled | 1½ bush |
| Squash, bush, in hills 4 by 4 feet | 3 lbs. |
| Turnips, broadcast, or in drills 2 feet | 4 lbs |
| Tomatoes, in frames | 3 ozs |
| Tomatoes, seed, in hills 3 by 3 feet | 8 ozs. |
| Tomatoes, plants | 3,800 |
| Wheat, in drills | 1½ bush |
| Wheat, broadcast | 2 bush. |

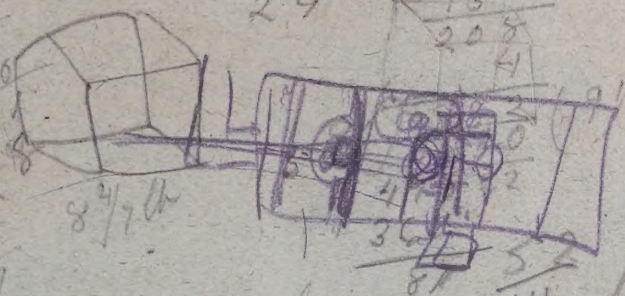
FOR OTHER VALUABLE INFORMATION SEE BACK OF BOOK.

10 17

192 Rosario 43

PM 3

OK



865
360
18 2800 | 35.28
186
265
250
180
104
460
416
44
32

45 | 365 0000 | 811

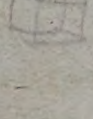
Tins

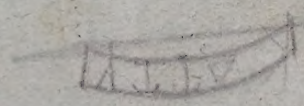
87

Edgar Cobin

Edgar Cobin

Edgar Cobin





155 Edgar Cobin

Edgar Cobin

7 - 0 Shirts

4 " "

3 = Dramas -

W. H. Harrington Esq Acct 1896

~~Apl 7. 1 Deal Boots - 2.50 1 Blanket 4.00 6.50~~
~~" 10 1 Skin Coat 3.00 3.00~~

W. H. Harington 1897

~~2 Suits Underwear 2 Mitts~~
July 23 1 Skin Coat 2 pr Soles 5 yds Drilling
~~1 Skull Board - 1 Bee 1 Tool Socks~~ 10 lbs Tobacco
Paid up to date May 9th 1890 E Coffin
(Excepting trade on board) 9½ lb Tobacco
June 13 1 pr Boots sole .50
July 3 lbs Tobacco
July 27 2 " "

Oct 14
9 yrs 1 Suit B & Clothes 5
2 Deal Boots 5

2 Boots
Paid E Coffin

Per St Nicholas Slip Acct 1896

Sept 7 -2 pr Drawers 3 — 3
Sept 12 -1-0 Shirt
For Voyage 7 lb Tobacco

Thos Wilson 1897.

~~1 Nat Bonb 2.50 1 Cap~~ 2.50
April 30 1 Nat Bonb 2.50 1.50
July 23 1 Skin Coat 8 2.
1 " Pants 9 11.50
Sept 1 1 Nat Bonb 2.50 ( 18 lb Tobacco 3.
Sept 1 Skin Shirt 9 4.
" 30 1 pr bonb 2.50 soles making 1.50 .60
Oct 25 ~~16 lb bx Tobacco~~ - 5 yds Drill @ 10 50 26-60
Nov 1 pr Soles 50

Paid up to date May 9 1898 E C Coffin
July 3 lb Tobacco

Slop Acct.

Manuel Pera 1897

| | | | | |
|---|---|---|---|---|
| | | 1 Cap - 1 Shirt 2.50 - 1 Shoes 3.00 | 8 50 | |
| | | 1 Mitts 75 - Suit Underwear 3.00 - | 3 75 | |
| | | 1 Rubber Boots 5.00 - 1 Skin Pants 2. - | 7 00 | |
| | | 1 Nat Boots 2.50 - 1 Denim Pants 1.00 | 3 50 | |
| Apl | 21 | 1 Jack Knife 50 | 50 | |
| May | 10 | 1 Seal Skin 50 | 50 | |
| " | 28 | 1 Skin Coat 3 | 3 | |
| Aug | 11 | 1 Blankets 4. (25 lb Tobacco 12.50) | 16 50 | |
| Sept | 1 | 1 Nat Boots 2.50 | 2 50 | |
| Sept | 21 | 1 Wool Shirt 2.50 | 2 50 | |
| Nov | 20 | 1 Soles & Making 1.50 | 1 50 | 46 75 |

Paid up to May 9 1898 & Coffin

My 9 1 pr Goggles.

~~Gerard De Borgja~~

| | | | | |
|---|---|---|---|---|
| ~~Aug~~ | ~~7~~ | ~~1 pr Walrus Boots 2.50 1 pr wool Mitts .75~~ | ~~3 25~~ | |
| ~~"~~ | ~~9~~ | ~~1 Seal skin Pants 2.00~~ | ~~2 00~~ | |
| ~~"~~ | | ~~2 lbs Tobacco~~ | ~~5 25~~ | |
| ~~Jan~~ | ~~12~~ | ~~1 Seal Coat~~ | | |
| ~~Aug~~ | ~~3d~~ | ~~1 Badger Shirt~~ | | |
| ~~"~~ | ~~5~~ | ~~1 suit underwear~~ | | |
| ~~"~~ | ~~"~~ | ~~1 pr Blankets~~ | | |
| ~~Sept~~ | ~~12~~ | ~~2 Socks - 1 Mitts~~ | | |
| ~~for Voyage~~ | | ~~5 lbs Tobacco~~ | | |

Harry Slate 1897

| | | | | |
|---|---|---|---|---|
| | | 2 Mitts - 1 Shirt - | | |
| | | 2 Socks - 1 suit Underwear 3. - 1 Skin Pants 2. | | 5 |
| | | 1 Rubber Boots 5. - 1 Nat Boots 2.50 | | 7.50 |
| | | 1 Demin Jumper 1. (Not to charge (Coaling) | | 1. |
| July | 23 | 1 Skin Shirt 3. 1 pr Deer Pants 4.00. 12.50 | | 7. |
| Aug | 11 | 1 Blankets 4. (25 lbs Tobacco) | | 16.50 |
| Sept | 1 | 1 Nat Boots 2.50 | | 2.50 |
| Nov | 29 | 1 Drill Shirt .50 1 pr Mitts .75 (Not to charge) | | 1.25 |
| | | 1 pr Skin Socks .50 1 Boot soles .50 & Making 1.00 | | 2. |
| | | Paid up to date May 9. 1898. 5 Coffee | | 41.75 |
| May | 24 | 1 her Skin Coat - | | |

1894

~~Daniel Joseph, Sleh day acct~~

| | | | |
|---|---|---|---|
| April | 4 | 1 pr Rubber Boots 5.00 | 5.00 |
| " | 7 | 1 " Native Boots 2.50 | 2.50 |
| " | 9 | 1 - Seal skin Pants 2.00 | 2.00 |
| " | | 2 lbs Tobacco | 9.50 |
| June | 11 | 1 Skin Shirt | |
| Sept | 12 | 1 O Shirt - 1 Mitts | |
| | | For Voyage 8 lbs Tobacco | |

# Daniel Joseph

1897

| | | |
|---|---|---|
| 1 - Rubber Boots 5 / 1 Blanket 4 | | 10.00 |
| 3 - Socks 1.20 - 2 Mitts mol 1.50 | | 2.70 |
| 2 Suits Underwear 3 - 1 Oil Pants 2.50 | | 8.50 |
| 2 - O Suits 6 - 1 Skin Pants 2 | | 8 |
| 1 - Brogans 3 - 1 Skin Coat - 1 Wal Boots 2.50 | | 8.50 |
| 1 - ~~Skin Coat~~ 3 | | 3 - |
| Sept 1 | 1 Wal Boots 2.50 / 25 lbs Tobacco 12.50 | 15 - |
| " 21 | 1 Wool Shirt 2.50 | 2.50 |
| 30 | 1 Skin Mitts .50 | .50 |
| Nov 4 | 1 Skin Boots 2.50 - 4 Seal Skins 2 Dec | 4.50 |
| | | 46.27 |

Paid up to date May 9th 1898 E Coffin

May 10 1 Skin Coat

Harry Hanson Acct 1896

| | | | | |
|---|---|---|---|---|
| Apl | 7 | 4 wool Socks @ 40 | 160 | 1 60 |
| " | 10 | 1 Pocket Knife | 50 | 50 |
| | | | | 2 10 |
| Sept | May 7 | 6 lbs Tobacco | | OK |
| Sept | 12 | 1 suit Underwear - | | |
| | | 6 lbs Tobacco | | |
| From | Grey to | Nov 6 lbs Tobacco | | |

Joe Fitch 1897

| | | | | |
|---|---|---|---|---|
| 1 Cap - 20 Shirts - 3 Socks | | | 120 | 6 20 |
| 2 suits Underwear - 13 1/2 lbs Tobacco | | | 7.75 | 13 75 |
| 1 - B L Pants - 1 - Blanket | | | | 7 |
| Apl | 21 | 1 ~~Pocket Knife~~ 1 Wool Mitts | 75 | 75 |
| | | | | 26 70 |
| Sept | 1 | ~~Paid Bill~~ Discharged season up | | |

~~Wm Hoselle Skin coat 1896~~

~~Apl 4 - 1 pr Rubber Boots 3.00 - 3.00~~
~~" 7 - 1 suit Cap 1.50 - 1 suit Underwear 8 - 1 B Coat 3.00 - 1 Blanket~~
~~1 Mat Boots 2.50 - 2 O Shirts 3.00 - 1 Denim Jumper 1.50 - 2 pr Mitts 1.00~~
~~" 10 1 Pocket Knife .10 - 26.10~~
~~Apl May 6 lbs Tobacco OK~~
~~June 15 1 skin Coat - 1 skin Shirt~~
~~Aug 1 suit Underclothes. 2 Socks~~
~~Paid up to Apl 1 1897 7 lb Tobacco~~

H. Carson 1897

1 O Shirt 2.50 - 1 suit Underwear 3 - 5.50
1 Mat Boots 2.50 - 1 Leather Boots 4 - 6.50
1 skin Shirt 3 - 3
" Pants 2 - 13 lbs Tobacco 6.50 - 8.50
Sept 1 1 Mat Boots 2.50 - 2.50
" 1 " 2.50 - 2.50
Nov 30 1 skin Mitts .50 - .50
Paid up to date May 9th 1898. O Cofferson 99.00

Albert Rodrigues

~~Oct 7 1 pr Bergans 2.00~~
~~" 1 Wet Bags 2.10~~
~~" 11 1 Pocket Knife .50 6.60~~
~~" 1 do Pieces of Hosing - Oil -~~
~~Jan 12 1 Wet Bags~~
~~Feb 12 1 Denim Pants 1.05 Shirt - 1 Mitts~~
~~Paid Pay for Wed & Do Tobacco~~

| | | | |
|---|---|---|---|
| 1 Woolmar | Colon Bey | | 1897 |
| 2 Suits Underwear - | 3 Socks | 1.20 | 7.20 |
| 2 Shirts | 1 Hatter Socks 1 Mitts | 1.75 | 1.75 |
| 1 Oil Coat - 1 pr Hat - | 1 pr Boots | 2.50 | 3.50 |
| Feb 11 1 Blankets | 1 Bed Sides | 1.50 | 6.00 |
| Paid for Wed & Do Tobacco | | 3.25 | 8.85 |
| | | | 3.80 |

Canal Canal — Sailing [illegible]

~~Apl 7 Wd Boots .70 1 socks .40 1 Cap .50 1 pr Boots [illegible]~~
~~" 10 1 Jack Knife .50~~ 5 10
~~Apl to May 6 to 1 Tobacco~~
~~June 18 1 Stem Boat~~
~~Sept 12 1 Hat .75 1 Shirt .75 1 Bd Pants .1 Socks~~
~~[illegible] 3 to 7 Months~~

~~Wm O Leary Storage Box~~ 1897
~~1 Blanket 4 2 suits Underwear .70~~
~~1 suit Denims 3 1 Bd Suit 5 2 Socks .10 1 Mitts~~
~~1 Cap 1 1 Native Boots 2.50 2 O Shirts .75~~ 11
~~1 Oil Suit 5~~ 1 15
Apl 29 ~~2 Thread .25 1 Needles .20~~ [illegible] .50 .90
~~1 Hat Boots 2.25~~ ~~Tobacco~~ 4 50
~~Donk Gallows~~ 8 50
1 pr Brogans 5 4 50

Lower Cove School 1896

Apr 9 1 Letter Book 4.00
" 1 " Butter " 5.00
" 1 Suit Clothes - 2 Mitts - 4 Socks - 2 Undershirts
" 2 Suits underwear - 2 Shirts - [illegible]
2 Blankets - 1 Cap - 1 Mat Book
" " 1 Pair Pants [illegible]
" " 1 Hat 6 [illegible] Shoes - [illegible]
Jun 12 1 Mat Book
" 18 1 Stripe Shirt
July 1 1 " Pants
" 27 1 " Shirt
Aug 1 1 Box 6 lb Tobacco

A Katake Cook 1897
2 Suits Underwear - 3 Socks 7.20
1 Wool Mitt 75
Apr 29 2 Thread - 1 Needle 45
Oct 5 16 lb Tobacco 9.60
1 Blk Coat (Jammie) 8.50
26.40

Page 6 due to Nov 30th 1897

B. F. Miller Left acct — 10 —

~~Oct 4 1 Rubber Boots~~
~~" 7 2 suits underwear 3 on Drafts 1 Sat Bd~~
~~" " 2 Socks 2 Mitts 1 Cap 1 Blankets~~
~~" " 1 Nat Boots 1 Soil Suit~~
~~" 11 1 Pocket Knife~~ 26.30
~~Left to Nov 6 Balance~~
~~June 12 1 Nat Boots~~
~~" 16 1 Skin Shirt~~
~~July 1 1 " Pants~~
~~Balance July 6 Nov 6 to Balance~~

---

M. J. Downs Sea 1897

| | | |
|---|---|---|
| 1 pr Leather Boots 4 | 2 suits Underwear 6 | 10 00 |
| 2 O Shirts 5 | 3 Socks 20 | 2 Mitts 150 | 1 Bd Suit 3 | 12 70 |
| 1 Suit Dennims 2 | 1 Blanket 4 | 1 Nat Boots 250 | 9 30 |
| 1 Cap 1 | 1 Skin Pants 2 | 1 Suit Drawers 5 | 7 00 |
| Oct 21 | 1 Gack Knife 50 | | |
| June 4 | 2 Thread 25 | 1 Needles 20 | 21 10 50 | 45 |
| July 10 | 1 Nat Boots 550 | 21 lb Tobacco 10.75 | 12 75 |
| Sept 1 | 1 Nat Boots 250 | | 2 10 |
| Sept 18 | 1 Skin Shirt 3 | | 3 |
| " 20 | 1 Nat Boots 250 | 1 Seal Skin 50 | 3 00 |
| Paid up to date May 1898 | | | 67 90 |

E. Coffman

R. Allison Ship acct 1896

Apr 9 1 Leather Boots
" 7 1 B.J. Suit - 2 Mitts - 2 Socks - 1 Shirt
" " 1 Flannel - 1 Cap - 1 Nat Boots - 1 oil Suit
" " 1 Mitt mine - OK - 36.50
" " May 6 lb Tobacco - OK
" 12 - 1 Nat Boots
" 13 1 Skin Shirt
Apr 12 1 Shirt - 1 Suit denims - 2 Socks - 1 Skin Shirt
Jan July to Nov 6 lb Tobacco

Robert M. Bean - 9. 1897

| | | |
|---|---|---|
| 1 - Rubber Boots 5 | 2 pr Underwear 6 | 11. |
| 1 - Cap 1.25 | 2 Mitts 1.25 | 2.10 |
| 1 - B.J. Suit 5 | 2 Shirts 3 | 10. |
| 1 - Blanket 3 | 1 - Brogans 5 | 8. |
| 1 - Nat Boots 2.50 | 1 O.C. Suit | 7.50 |
| Apr 12 1 Jack Knife 30 | | 30 |
| " 14 2 Thread 20 | 1 Needle 10 | 30 |
| | 1 Razor Strop | 15 |
| | 4 seal skins 2 | 12 75 |
| | 21 lb Tobacco 10 | |
| Jul 10 1 Nat Boots 2.50 | | 2 50 |
| " 23 1 Skin Coat 3 | | 2 50 |
| Aug 11 1 B.J. Suit 2.50 | | 2 50 |
| Sept 1 1 Nat Boots 2.50 | | |
| " 23 Paid up in full May 9. 1898. E. Griffin | | 99 95 |

K. Peterson Slop acct 1896

Apl 4 1 pr Rubber Boots
" 1 1 Blanket. 1 B2 suit. 2 pr Shirts. 2 Socks.
" 1 2 pr Overalls. 1 Mitts. 1 Cap. 1 Nat Boots
" 1 1 Suit Oilers
" 10 ~~[illegible]~~ 1 Pocket knife 1.25
Apl to May 6 lb Tobacco 2.10
June 12 1 Nat Boots
" 15 1 Skin Shirt.
Sept 12 1 B2 suit. 1 pr Socks. 1 Cap. 1 Skin Shirt
From July to Dec 6 lb Tobacco

Coal Holes Sea 1897

1 Blanket 1 B2 suit
1 suit Dungarees. 2 Wool Mitts
4 Socks. 1 Cap. 20 Shirts. Capped
2 Suits Overalls
1 Rubber Boots 1 Oil Suit
1 Rubber Boots 1 Skin Pants & Cap 7.50
2 Thread. 1 Needles. 1 Jack Knife
1 Nat Boots. not to charge
July 10 1 Nat Boots. 2.50 Mitts. 1.00 Boots 6.00
" 23 1 Skin Shirt 2 lb Tobacco 13.75
Aug 11 1 Nat Boots
Sept 1 1 Nat Boots
" 20 "
" 4 1 B2 Pants. 1 Bed Sacks. Nat Boots
~~[illegible] 1 B2 Pants~~
Paid up to Date Mar 9th 1898 & Capped
May 14th 1 Socks. 1 B2 pants & [illegible]

Sales late Hadi Oct 1896

Oct 4 1 Brogans 2.50
" 7 1 Suit Clothes 25 Handkerchiefs 2 pr Shirts
" " 2 " Denim 2 Mitts 4 Socks 1 Cap 1 Blanket
" " 1 Nat Book 1 Suit Clothes
" 11 1 Pocket Knife
" " Stud Shirt
" " 5 lb Tobacco
" 12 1 Nat Book
" " 1 Pair Vest Leg 6 lb Tobacco

A. M. Hadi G 1897

| | | |
|---|---|---|
| 1 Boots 1.50 1 Flannel 2 Suit Underwear | | 6.50 |
| 20 Shirt 5 1 B.L. Suit 5 1 Suit Denim 2 | | 12. |
| 1 Cap 1 2 Mitts 1.50 1 Nat Book 1 Brog | | 6. |
| 1 Pair Boots 2.50 | | 2.50 |
| " 21 1 Pocket Knife 50 | | .50 |
| " 4 2 Thread 25 1 Needle 25 | | .50 |
| " 10 1 Nat Book 1.50 14 lb Tobacco | | 9.50 |
| Sept 1 1 Nat Book | | 2.50 |
| " 21 1 Suit Clothes 10 | | 1. |
| | | 46.75 |
| Brought Over | | |
| 1 Suit Clothes 10 1 Hat 1.50 5 lb Tobacco 1.25 | | 4.50 |
| 1 Suit B.L. Clothes 5 1 Nat Book 5 | | 10 |
| | | 19.50 |
| Trade Gaiters 4 lb Tobacco | | 2.50 |
| Gross bill 1 pr B.L. Pants 2 | | 5.00 |
| 1 Nat Book 2.50 | | 2.50 |
| 5 lb Tobacco 2.50 | | 2.50 |
| | | 10.00 |

E. Alaska Stp Acct 1896

Apl 4 1-pr Rubber 5.05 - 1 pr Death Boots 3.00 9-00
" 7 - 2 Blankets - Hat - 4 Socks - 2 suit underwear
" " 1 suit Denim - 2 ove Shirts - 2 Mitts
" " 1 suit B2 Clothes - 1 Nat Boots - 1 Cap
" 10 1 Pocket Knife - O K -
Apl 16th - 6 lb Tobacco - O K -
May 22nd 1 Jackknife
June 12 1 Nat Boots
" 18 1 Skin Shirt
Sept 12 1 - B2 suit 1 Denim Jumper 1 Cap
Tobacco Jug 6 Pkgs 6 lb Tobacco

Mch 29 Oscar Rose 18 77
1 Rubber Boots 5 - 2 suits Underwear 6 11
1 suit Denim 2 - 20 Shirts 5 - 2 Socks 50 - 1 Hat 75 [illegible]
1 Cap - 1 Native Boots 2.50 - 1 B2 Suit 5 [illegible]
1 Oil Suit 5 - Cap 1 5
Apl 21 1 Jack Knife 30 - 21½ lb Tobacco 10-75 [illegible]
May 12 2 Thread 25 - 1 Needle 20 [illegible]
1 Nat Boots 2.50 - 5 Seal Skins 12 [illegible]
Aug 11 1 Brogan 3 - 1 pr B. Socks 4 7
Sept 1 1 Nat Boots 2.50 2 50
Sept 20 1 " " 2.50 2 50
" 21 1 Wool Shirt 1 [illegible]
Paid up to May 9th 1898 & Cash 6 75

~~Charles Edwards Sth acct 1896~~

~~Mar 4 Leather Boots.~~
~~" 7 1 Blanket 2 B2 Pants 1 B2 Coat 3 Stri underwear~~
~~" " 3 Stri Shirts 5 Socks 2 Mitts 1 Cap 1 Nat Boots~~
~~" 11 1 Pocket Knife.~~
~~Mar 17 Offer - 6 lb Tobacco - 6 lb~~
~~June 10 1 Waline Boots~~
~~" 14 1 Stri Shirt~~
~~July 1 1 " Pants~~
~~Item Aug 6 Nov 6 lbs Tobacco~~

Jno O Lowry Sea / 1897

| | | |
|---|---|---|
| 1 Blanket 1 B2 Suit 4 Socks | 10 | 60 |
| 2 Suits Underwear 1 Jumper | 7 | |
| 1 B2 Pants 1 Mitts 1 Leather Boots | 6 | 75 |
| 2 O Shirts 1 Nat Boots | 7 | 50 |
| June 4 2 Thread 1 Needles 1 Jack Knife | | 15 |
| 1 Nat Boots | 2 | 50 |
| July 10 1 Nat Boots 1 Pocket Knife | 3 | |
| " 23 1 Stri Shirt 25 lb Tobacco | 15 | 00 |
| " 24 Pants | 2 | |
| Sep 11 1 Bergans 1 B2 Coat 1 Nat Mitts | 6 | 75 |
| Sep 1 1 Nat Boots | 2 | 50 |
| " 20 " " " 12/98 1 Bear Boots | 2 | 50 |
| | 67 | 75 |
| | 2 | |
| | 67 | 73 |

May 2 1 Seattle Boots.

~~Gamma Sandfiscam — Left Boat~~

~~April 7 1-Blanket Suit - 2 pr socks - 1 pr Mitts - 1 Blanket~~
~~" 10 1 Pocket Knife - OK~~
~~1 pr Mitts - 6 lb Tobacco — OK~~
~~June 12 1 Nat Book~~
~~Sept 12 1 Shirt -~~
~~Frame 1/2 lb Dm 6 lb Tobacco~~

J. A. Baxter Sea

1-Blanket - 2 Suits Underwear - Cap - 11
2 Shirt - 1 Bl Suit - 3 Socks - 1 Mitts 12
1 Leather Boots - 1 Nat Boots - 1 Bl Suit 1
1 Oil Suit - 1 4
June 4 2 Thread - 1 Needles - 1 Pack Needles 11
1 Nat Book - 2
July 10 1 Nat Book - 2 lb Tobacco 12
" 23 1 Flannel Shirt - Cap 8
Aug 11 1 - Bracers 3
Sept 1 1 Nat Book - 3
Dec 7 lb Tobacco
Paid up to Mar 9 1899. 8 Caps
May 10th

~~Bro. Ross Aff. Acct 1896~~

~~Aug 4 1 Rubber Boots 3.00~~
~~" 7 1 Blanket 2 Sh Underwear 2 Socks 2 Mitts~~
~~" 2 or Shirts 1 B.L. Pants 1 Suit Oilers 1 Nat Boots~~
~~" 10 1 Pocket knife 81.80~~
~~Aug 11 6 lb Tobacco OK~~
~~Aug 11 1 Stm Shirt~~
~~Bro. Ross Aug 6 Pd 6 lb Tobacco~~

J. G. Miller Sea

| | |
|---|---|
| 1 Blanket 1 Rubber Boots | 9 |
| 2 O Shirts 1 Cap 2 Mitts | 6 50 |
| 1 B.L. Suit 2 Sh Underwear | 11 |
| 3 Socks 1 Nat Boots 1 Suit Oilers | 8 70 |
| Aug 4 2 Thread 1 Needles 1 Jack knife | 15 |
| 1 Nat Boots 2 1/2 lb Tobacco | 13 25 |
| Aug 10 1 Nat Boots | 2 50 |
| Aug 23 1 Stm Shirt 1 Stm Pants | 5 |
| Sept 11 1 B.L. Pants | 2 50 |
| Sept 1 1 Nat Boots 1 Seal Pants | 4 50 |
| Sept 13 1 Stm Shirt | 3 |
| " 29 1 Nat Boots Dec 2d 1 Nat Boots | 71.90 |

Paid up to May 9th 1898 B. C. Bro. Miller

May 14 2 Socks 30. 1 Hunting 50. (1 Bun Coat 2.50)
July 5 1 Nat Boots.

Copied

George Little Store Acct 1896

Apl 4 1 pr Rubber Boots
" 7 1 Blanket 2 Bl Pants 1 Bl Shirt 1 Socks
" 12 2 Mitts 1 Cap 2 Sh
" 1 Pat Boots - OK -
" 10 1 Pocket Knife
Apl to May 6 lb Tobacco - OK -
June 12 1 Pat Boots
" 18 1 Skin Shirt
Aug 15 1 pr Socks
Sept 12 1 Suit Denims 1 Mitts
From July to Nov 6 lb Tobacco

L Peterson Sea

1 Rubber Boots 6.5 1 Brogans 3 1 pr Boots 2.50 10.50
3 Suits Underwear 6 1 Cap 1 2 Overs 3 Shirts 12.00
4 Socks 1.50 2 Mitts 1.50 1 BL Suit 5 [illegible]
1 Suit Denims 2 1 Blanket 4 6
1 " Oil Clothes 5 1 lb Tobacco 4 9
Apl 19 1 Jack Knife 30 1 Pat Boots 9.50 3
June 4 2 Thread 25 1 Needle 20 1 Pins 50 1.15
41.65

Victor Anderson on Ship acct 1896

~~Apl 7 1 Rubber Boots - 1 pr Brogans~~
~~" 7 2 suit Drawers - 2 Drawers - 2 cotton Shirts - 1 Cap~~
~~" " 2 Over Shirts - 4 Socks - 1 Oil Suit - 1 Mod Blnkt~~
~~" " 1 Blanket. 1 Nat Boots 1 Oil Suit~~
~~" 10 Pocket knife - OK - 44.85~~
~~Jun 12 1 Nat Boots~~
~~" 1 Shirt Shirt~~
~~Sept 12 1 Milk - 1 Denim Jacket 1 BJ Pants~~
~~Taken Feb 6 to Nov 6 lb Tobacco~~

6 kegs Cap Nelson Sea

1 Rubber Boots 3 1 Brogans 2 0 Shirts 5 13
2 Suits Underwear 3 - Socks 2 1 Cap 8 60
2 Milk - 1 Suit Denims - 1 BJ Suit 7
1 - Blanket 4 1 Native Boots 2.50 6 50
1 Suit Oil Clothes - Cap 5
Apl 22 1 Jack knife 30
June 4 2 Thread 1 Needle 45
1 Nat Boots 2.50 6 Seal Skins 2.50 5
July 10 1 Nat Boots 2.50 21 lb 1.25 Tobacco 13 25
July 11 1 Brogans 3
Sept 1 1 Nat Boots 2.50 2 50
Nov 19 to Seal Skins 11 50 Mat 10th 1 Nat Boots 2.50 5 50
Paid up to date May 9th 1897 E E Jefferson

No. 1 Edgar Flyn Dr. to 96

Apl 4 1 Rubber boots - 1 Leather Boots
" 7 1 B.L. Coat - 1 do Pants 2 Mitts - 2 Blankets 2 Shirts
" " 2 Over Shirts - 1 Left - 2 suits Drawers
" " 1 Wat Boots - 2 Suits Underwear - 1 Oil Suit
Up to May - 6 lbs Tobacco
May 22 - 1 Pocket Knife
June 12 1 Wat Boots
12 1 Jug Spirit.
From July 1st Pay 6 lbs Tobacco

Philip Polson 4

2 Suits Underwear - 2 Shirts
1 B.L. Suit - 3 Socks - 2 Mitts - Left
1 Suit Drawers - 1 Blanket
1 Rubber Boots - 1 Wat Boots
1 Suit Oil Clothes
Apl 21 1 Jack Knife Capital
June 4 1 Needle 2 Thread - 1 Razor
1 Wat Boots - 1 Mitt Skin 2 S. Skins
July 10 1 Wat Boots
" 23 - 1 Skin Coat - 1 Skin Pants
Aug 11 1 Leather Boots
Sept 1 1 Wat Boots - 2 1/2 lbs Tobacco
" 25 1 "
Paid up to May 9th pay for Coffin

Fort Olson Sept 1896.

Sept 4 1 pr Rubber Boots
" 7 3 Socks 2 pr Shirts 2 lb Mackerel
" 11 2 Mitts 2 lb Dennys 1 Bd Pants
" 1 Wool Book 1 Suit Oilers
" 10 1 Pocket Knife OK 32-70
Jan 12 1 Wool Boots
" 18 1 Skin Shirt
Sept 12 1 O Shirt 1 Denim Jumper 1 Cap
Issued July to Nov 6 lb Tobacco

Martin Leon 9

Sept 1 Boots 1 Blanket 2 lb Mackerel 14
1 O Shirt 1 Bd Shirt 10
1 Mitts 1 Wool Boots 3 25
3 Socks 1 Bd Coat 1 Jumper 4 50
June 4 2 Thread 1 Needle 1 Pack Knives 95
1 Wool Boots 2 50
" 23 1 Skin Shirt 3
" 28 1 " Pants 1 2
Aug 11 1 Brogans 3
Sept 1 1 Wool Boots 5 75
" 20 Paid up to date May 9th 1892 & Coffin

George Saville Acct 196

Apr 7 1 B2 Coat - 2 Mitts - 4 socks - 1 Nat Boots
" 10 - 1 Pocket knife -
June 12 1 Nat Boots
" 18 1 Skini Shirt
From July 6 Nov 6 lb Tobacco

Sam McCoy Sea Cook May 5

| | | | |
|---|---|---|---|
| | 1 Blanket 3 2 Wool Mitts | | |
| | 3 Socks 120 1 Cap 1 Breeches | | |
| | 1 Nat Boots 1 suit Dennis | | |
| | 1 Suit B2 Clothes 1 Suit Oilers | | |
| | 2 Suits Underwear 2.0 Shirts 1 Sh Coat | | |
| Apl 21 | 1 Jack Knife 50 Cap | | |
| June 4 | 2 Thread 1 Needles | | |
| | 1 Nat Boots 3 Seal Skins | | |
| July 10 | 1 Nat Boots ~~lb Tobacco~~ | | |
| " 23 | 1 Skini Shirt | | |
| Aug 11 | 1 B2 Pants 1 Leather Boots | | |
| Sept 1 | 1 Nat Boots 21/8 lb Tobacco | | |
| " 20 | " | | |
| " 24 | 1 Wool Shirt date 35 | | |
| Jan 15 | ~~Bal Sales~~ | | |
| | Paid Up to date May 1 1895 | | |
| May 14 | | | |

Joseph Davis S.A. Ae at 96

~~Apl 7 1 Long Shirt 1 Suit Underwear 1 Socks~~
~~" " 1 Blanket~~
~~" " 1 Bue Coat 1 Pocket knife~~
~~Apr 15 1 Mag 6 lb Tobacco~~
~~Apr 15 1 Short Shirt~~
~~Apl 12 1 Blanket 1 Suit Underwear 1 Pr Suit~~
~~1 Long Jacket & Nov 6 lb Tobacco~~

August Gomez Sea

1 Suit Underwear 2 Shirt 8
1 Socks 1 Mitts 1 Cap 1 75
1 Suit Denim 1 Pr Boots 4 50
1 Blanket 1 Suit Oil Clothes 9
Apl 20 1 Jack Knife 2 Spool Thread 75
Jun 4 1 Mitts 1 Jack Knife 75
1 Pr Boots 16 lb Tobacco 10 50
Apr 11 1 Pr Boots 4
Sept 1 1 Pr Boots 1 Coat 5 50
1 Suit 1 Shirt 1 Pr Shoes 7 75
Paid up to date May 7th 1898 & 6 Mon

G Chuzzon Stock acct 19

Apl 7 1 st Bd clothes - 1 Mitts - 1 Cap - 1 Denim Pants -
" 1 Pat Boots -
" 10 1 Pocket Knife
" 15 Mess 4 lb Tobacco - OK -
June 12 1 Pat Boots
" 12 - 1 Skin Shirt

Sept - 12 1 over Shirt - 1 Blanket - 1 Mitts
" 1 suit Underwear - 1 Jumper - 1 Skin Mitts -
From Jul 15 Pr 6 lb Tobacco

Trofle de Roza

2 suits Underwear - 1 Cap.
2 O Shirt - 2 Socks - 2 Mitts
1 - Bd Pants - 1 Blanket
1 - Rubber Boots - 1 suit Oilers
1 suit Denim - 1 Pat Boots 6 pieces
Apl 17 2 - Shels 7 Thread
" 21 1 Jack Knife 21 1/2 lb Tobacco
June 4 1 Needles 1 Pat Boots
July 30 1 Skin Pants
Aug 11 1 Bd Coat - 1 - do Pants -
Sept 1 1 Pat Boot Adv - 35
" 20 Paid up to May 20 1912 & Coffins
May 10 1 pr Skin Mitts - 1 do socks - Supplies

Used milk for Com. Opinion of Skins $4.0

# Geo Lundberg 1897

| | | | |
|---|---|---|---|
| Feb 5 | Boots - 2 Suits Gentlemen's wear | | 10 |
| " | 3 Blanket - 2 Shirt - 1 B & Suit | | 14 |
| " | 2 Milk - 2 Socks - 1 Cap - 1 Suit Others | | [illegible] |
| Apl 17 | 2 spools Thread | | 25 |
| Jun 4 | 1 Jack Knife, 1 Needle | | 70 |
| | 1 Hat Boots | | 2 50 |
| Sep 10 | 1 Hat Boots - 7 Plug Tobacco | | 1 41 |
| " 20 | 1 Skin Pants | 8 50<br>2 25<br>8 75 | 2<br>3<br>2 10 |
| Sep 11 | 1 Boy's Boots Rbo | 35 | |
| | | | 32 50 |

Paid up to date May 9th 1891 - 6 Cafe

Journal Schr Rosario 1896
from Sept 20th to the Mermaid

Sept 20.

Wind N & E clear. mod. Steering W by S until six P.M W. Later light wind West on board the Winthrop after Supper. Lat 70 32 - Long 165-22 Passed the south point of ice this morn to Icy Cape

Mond 21

A M wind light from N & W. Later N W clear & moderate. fog most of the forenoon. Steering by the wind heading from S W by W to W. in company with the Winthrop saw two sails into to the West. Saw a whale one rising (ahead) after sundown. The Winthrop lowered for a whale this eve - (the same one)
Lat 70.46 Long 168-30

Tuesday 22d

A M. wind N & E fresh. Later mod & light. Came up to scattering ice this morning Four sailing ships & two steamers in sight through the day. Now whaling this day. Bark Mermaid one whale. Stmr Orca three. Jeanette three. Navarch 1.
Lat 70-46 Long 169-50

Spoken bk Mermaid to day Capt Simmons. Gifford & Slocum also on board the Mermaid

Wednesday Sept 23d

AM Moderate wind from S.E. Clear
Six sails in sight. No whales seen—
PM. fresh breeze S.S.E. ~~Clear~~ Overcast.
saw a few scattering cakes of ice to
the Nath. Been Steering off from
E to N.N.E. until 4 P.M. then wore,
and headed S.S.W. Reefed the mainsail
four thirty P.M. Bar 30. Ther 29-90 Bar
Lat 70.49. Long 167-23

Thursday 24 Sept.

AM Fresh wind from W. Hazy. PM wind
N.W. One Steamer in sight. Working to W on
both tacks. PM clear. Bar. 30. Ther 28°
No observations.

Friday Sept 25

AM Moderate wind from N.W. fine snow
cleared up at 3 P.M. Saw one steamer the
Alinette steering off under sail S.S.E. Been
lying around the ice all day. Came
up to the ice at 8 AM. (Thurs) The ice is
all scattered out. No Observations
Bar. 30. Ther 18-to 22. No Whales
Call myself E.N.E of the Shoals 28 fath water.

Sat Sept 26

AM ~~Mod~~ Strong N.W. wind. Run out of
the ice this AM. & laid on the Port tack
under foresail, foremast and stay sail
aback heading from N.E. to E.N.E.
PM same Bar 29.30 Ther 14 to 16 - snow squalls
all day. Nothing in sight.
Lat 70.10 Long 167.10 (Sch all ice up)

Sunday 27th Sept 1896

Fresh gale from NNW. Double reefed the foresail. Lying to on both tacks. at 8 PM Ran off until 5-30 seventeen miles. Laid on the starboard tack all night, heading from W.S.W. to WbyN Thick weather most of the day. Lat 70-00. Long 168-16 W Bar 29-95- Ther 28- (Sea all iced up)

Monday Sept 28th 1896

Fresh gale from NbyE- Lying to under double reef foresail. more around at nine A M. Heading E N E. P M more mod. Got a sight just before noon Lat 69.10 called it 69-00- Snow squalls all day Cape Lisbourne 40 miles E by S- Bar 29.95. ~~Bar~~ Ther 27°.00.

Tuesday Sept 29

Strong breeze N & E. Daylight Kept off steering from SSE to SEbyE.- Farther off shore than calculated so missed Point Hope. Kept off SSE for the Straits Luffed too at ten twenty P.M. Kept off again from 1 to 2-45 AM. it being very clear. Daylight Kept off again S

1864

Wednesday Sept 30

Fresh N & E wind kept off at daylight steering S clear weather. Raised the East Cape at ten AM. Came up to ice in the straits at 2.40 P.M. Jibed over and steered S.S.E for the E end of St Lawrence Island. One bark in sight ahead going the same as us. PM wind moderate running off with foresail & jib. Buoys for St Lawrence Island

Thurs Oct 1st

Moderate N E Winds & clear steering SSE. passed Kings Island 3 PM. Raised St Lawrence Island ten AM. One PM wind died out light. Seven P.M the Island fifteen miles dist bearing (NE Cape) S by E. Wind breezed up from the east in snow & Hail Squalls. Steering S E for thirty odd miles — wind seems to be canting to the S & E. Lat 63.57 Long 68.50 (think not Lat) Hove too at nine and waited the daylight

Fri Oct 2

Wind N & E Mod kept off at daylight Steering S & S 3/4 E - Caught one Cod fish this P.M. Lat 62.58 - Long 168.30. Steering south of St Matthews

Sat Oct 3rd

Wind Var & light from N N W to N N E Overcast Saw lots of Humpbacks & Finbacks to day. No observations

Logged 70 miles

Ship Rosario

Sunday Sept 4th
Wind light & variable N to NNE
Overcast. Steering S 44 W. No Observations
Log 1 50 miles

Monday Sept 5th
AM wind variable with light snow
squalls from SSE to ENE. Made the
land (St Matthews) at daylight eighteen
miles off. Changed course to S by E & E
PM wind freshed up from E. SE
took in upper sails & single reefed.
the lower sails & took in the fly Jib
Lat 59-57. Long 171-33.

Tuesday Oct 6
AM Mod gale from E NE. with rain squalls
Steering S 1/2 E to S by E. Luffed to at 1-50 PM
kept off at 8 AM. No Observations
Double reefs & fly sail.

Wednesday Oct 7
AM Fresh breeze from N PM hauling to
NW strong squalls of hail & wind square sail
and whole foresail set. Steering S by E 1/2 E
Lat 55-57 Long 172-25 W
72 Pars 210 miles at sight 2.40 PM
Steering for the same.

Thursday Oct 8
Strong wind from NW from moderate
raised Mucha at 12.40 Noon. Just thought
at seven P M. Making 230 miles since
sight yesterday. PM quite moderate

Friday Oct 9
AM Light wind from W & N. Course S E by S
P M Wind hauled to the S E - Seven PM
blowing a strong gale with rain
Atmosphere 118 miles dist. Under double reefs
Log at six thirty on (73) Dist 125 miles dist
No observation Bar 28.10

Saturday Oct 10
Wind let go at once at 12 30 A M
calm till nine A M Breezed up from
N E and 7 P M hauled to N N W. blowing
a fresh gale. Under double reef foresail
Steering from S E by S to S E by E - Bar 28.80
Lat 58-52. Rain Squalls heavy ones

Sunday Oct 11
Wind moderates at twelve midnight
7 A M hauled to N W - Set whole foresail
7 P M Light West under Spanksail
Lat 48-36 Long ~~[illegible]~~ Course E by S
Dist by Log since wind came to West 203 at sight
9 P M Wind S S W Lower sails set fresh breeze Bar 28.70

Monday Oct 12
A M wind blowing a heavy gale S S E
Hove to under lace line reef foresail
P M hauled to the S W. Kept off under
double reef foresail and Jib. quite Mod-
Lat 48-21 - Long 164-34 Steered E by N

Oct 13 Tuesday
AM Wind W.SW. with strong rain Squalls
Clear the rest of the time. Small
single reef foresail two do main sail
Jib & Fly Jib. 7 PM wind SSW Mod
Whole foresail & Jibs out.
Bar 29.15 Lat 48-13. Long 160-44. Course E by S
Bout new Fore Sheet this day

Oct 14th
AM wind SW moderate & clear
PM very light and hauling to the west
after supper. All sail in but square sail
one or two light squalls through the day
Course E by S. 5 PM changed to E by S 1/4 S.
Lat 47-20 - Long 157-10 - Dist 155 miles

Thurs Oct 15
AM Wind mod & light from WNW
P hauled to SW with some light rain
squalls. All sail out. AM had to take in
all but square sail she slatted so
steering E by S. Lat 46-30 Long 152-04. Dist 95 miles

Frid Oct 16
AM strong breeze from S Now increases
to Moderate gale Double reefed - PM
increases to a heavy gale hauling to the
E of South with rain. Put a lace line
reef in the foresail & wore around
on Port tack - hove too. Hove too on S tack
at twelve noon. Lat 46-00 - No Longitude

Saturday Oct 17

Wind moderated last night a gale 6 PM and hauled to the S.W. Hove to low and set the Fore staysail. 5 A.M kept off steering E by S. Under whole foresail single reef mainsail & jib & fly jib 5 P.M. Double reefed the mainsail single reefed the Foresail and took in the Fly jib. Bar 28.75 through the day. Rain squalls very frequent and strong winds in them W.N.W steering E by N.

Lat 46.09 Long 157.13. 160 miles dist

Sunday Oct 18

Wind blowing a fresh gale from S.W. 8 A.M hove to under lace line reef Foresail & a small peice of Mainsail. Moderated at 3 P.M kept off steering E. to S.E. Bad cross sea on after supper the wind rather increasing

Lat 45.59 Long 147.59 Bar. 7 P.M 29.10

Lace line reef Foresail & do Staysail out 6 P.M double reef Foresail & Staysail

Monday Oct 19

A.M Wind W.S.W fresh and clear with some rain squalls all sail out steering E by S 1/2 S & S by S P.M. Bar 29.75 P.M quite moderate and hazy

Lat 45.11. Long 146.56 Dist 142 miles

Tuesday Oct 20

Wind hauled to the South. 8 A.M hove to on starboard tack under double reef foresail & staysail & changed to P.M. in a squall kept off steering S.E. No observation

Wednesday Oct 21

AM wind light NW with heavy swell from the south and raining hard all the time. 11 AM Set Foresail Steering E S E 7 PM wind blowing very hard in Squalls still raining. Humble reefed the Foresail 10 PM moderated and made sail Steering E by S. Rain until 11 PM steady

Thursday 22 Oct

AM Wind W clear nice weather few light rain Squalls all. saw Steering E by S 1/2 S & E by S. Carried away Squaresail & twice the Fore topgallt Slatting so. 7 PM wind W N W. Bar 30 still good weather Long 138-18 Lat 43-03

Friday Oct 23

AM Wind light from N & E. PM mostly calm. All sail drawing Aired Shirts & washed the small boat Lat 42-21 Long 135-11 - Bar 30 & 10

Saturday Oct 24

AM wind S & W mod. PM S W strong rain Squalls One reef in mainsail & lot sails in. Fine PM wind moderated to the Westward and Cleared up Washed our boat to day Steering Dly S 1/2 E.
Lat 41-40 Long 134-07.
Dist to Point Reyes 550 Long on 17

Sunday Oct 25
A M Strong breeze N W by W
Topsails Fore and square sail out
P M moderate from Westward
caught four Albercores to day
Lat Course S by E – Dist 188 miles
Lat 40-21 – Long 130-56

Monday Oct 26
A M Wind W. fresh. P M W N W with
very heavy Squalls. took in Square sail
and reefed the Foresail for awhile
5 P M made sail again. Course E by S
Lat 39 08. Long 127-25 – Dist 186 miles
7 P M wind W with ~~lightning~~ and
clear over head P.

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Tuesday March 23

~~Sailed~~. Towed out by a the tug Vigilant. Wind N & W Mod and clear. 7 AM off Whitting buoy Steering S.W. by South

Wednesday 24

Wind Mod. N.W. Steering S.W.

Thurs 25

Wind N.W Strong. Single reefed main steering S.W with 7 lg fit in
Lat 37.09 Carried away the lift of mainsail

Friday 26

Wind N.N.W. Mod all lines sail out
Sent down Fore Topsail. Heading by the wind S.W. Passed a small two masted schooner. Broke out Oil skins for the crew Heading W by N.
Lat 36-37 Long 137 W. Stars

Sat 27

Wind S.W. by W. Fresh. Heading W by N Hauled to N during the night. More 4. Headed S.W by W. Double reef foresail & main fit in Strong winds with rain squalls

Sunday 28

Strong breeze from the N & W. steering S.W by W under double reefs. PM little more moderate. Rain squalls.
Heavy cross seas Lat 35.18. Long 138-37 W
Single reef foresail & fit at 8 P M
Light rain & squalls.

Monday March 29
Calm all day Broke out sloops
All sails in. 9 PM made all sail
Wind S W by S. Steering W by S
Lat 34-31 Long 180-37

Tuesday 30
Wind Fresh S S W Steering W by W
PM wind increased — under double reefs
Six PM Set the Jib. wind ranged
to the W heading W.N.W. on the wind
Heavy rain all PM. Lat 35-17 N.
Seven PM got Moderate

Wednesday 31
Wind Fresh from N W with rain
squalls. PM more moderate single
reefs all around heading N W by N
& W N W. Were at six PM heading
S W by W. Moderating —

Thursday April 1
~~Calm all~~ a light winds
all day all sail out
heading W. S W. by the wind
[illegible]

Friday 2
AM Moderate W & S out wind. PM
Fresh single reefs sails. Steering N & W by N.
wind changed to N W in a heavy
rain squall

Saturday 3d april
Light Westerly winds all day
On both tacks PM heading N.W. W.
Saw a Brig steering E by N.
Lat 37.06 - Long 135.06 - W.

Sunday 3
Wind Light Westerly on the wind
heading S.W.

Monday 5th
Wind breezed up from S.W. blowing at
six AM. Steering W & W by N. PM wind
hauled to Westward Heading N.W.W.
Lat 39.35 Long 137.16

Tuesday 6th
Fresh S.S.W. wind Steering W & W by N.
PM single Reef Mainsail 7 & jib in
Lat 40.15 Long 139.30

Wednesday 7th.
Fresh S.S.W. winds Foggy. Single reef
mainsail & Main top Stayse out
Lat 42.46 (Poor Observations) Steering N.
PM All sail out. 7 PM raining
& rather fresh breeze in squalls
Lat 42.46 (Poor Observations)

Thursday 8th
Wind light (all sail) S.W. heading W.
on the wind. 9 AM. shifted to
N.N.W. Heading W by S on Starboard tack
No Observations Put up Cutting Pennants
Fog & squalls all day.
Seven PM Clear Heading W.S.W.

Friday April 9
Light W.N.W. winds on the Port tack all sail heading N. S W by S. Wind backed heading W N W. died out calm bnd P M. All sail in. Bent New Fore Sail & fit Top Stysail Lat 43-44 Long 146-02 (Lat Clear)

Sat April 10 (44-34-147-02)
Wind fresh from S S W. Rain & fog all sail out except Ringtail No Observations

Sund April 11
Wind S W Moderate Rain & fog early hav latter clear with light airs Southerly No observations Course W 1/2 S Dist 14

Monday 12
Wind Southerly with light rain A M P M. S.S E Moderd and clear Dist 7 Steering W 1/2 S No observations.

Tuesday 13
Wind S.S.W. fresh breezes and Mod all sail out steering W by S (at 6 PM) Seven carried away the eye bolt of Main Top Staysail. Clear with light rain squalls Lat 48.15 Long 155 27
(AM fog)

Wednesday 14
A M. Wind S W. Fresh. Single reefd main Ten A M. hauled to W. increasing to a strong breeze. Double reef main. Single reefd Foresail & fit furled. Heading by the wind W by S Strong squalls Lat 49-43. Long 159-09. Bar 29.35. Dist 170 miles

Thursday April 15 (Ther 40)
Wind W SW Moderate gale. Double reefed sails out. Snow & Hail squalls P M moderated at six some. Set single reefed Foresail. Wind W squally
Lat 50-34 Long 160-02. (Bar 29.60) (Dist 65 miles)
Ounalaska 280 miles - Four Mountain Pass 370 dist.
(Log taken handled in Stead on 17)

Friday 16 April
Wind E & N E. strong. Snowing. PM strong gale N E. Wind gradually hauling to N & W 2 PM Cuffed to under double reefed Foresail on Starboard tack (Course W.S.W) 4 PM wind increased to heavy gale Put the larboard boat down and smashed the rail. (Bar 28.30) Dist 63 miles

Saturday April 17
Wind S W commenced to moderate this morning heavy cross sea running PM quite mod with strong snow squalls. Set double reef main & fore lop Stayl. Heading from W to W.N.W
Lat 50 59 - Long 161-20. (Bar 29 20) Ther 40

Sunday April 18
A M calm. 1 PM backed up from W & E All sail out, steering W. Passing snow squalls. Lat 51-33 Long 162-09. Bar (29 25)

Monday 19
Wind variable clear & light on Port tack heading N N W All sail out
Broke out stores. Lat 52-04. Long ~~162-53~~ 163-23

Tuesday April 20
Wind AM light & clear. PM fresh from SSE to NE. Steering N 1/2 N until 8 PM hauled to N W by W. Made land at daylight 30 miles off. Came through Unalga Pass at nine PM. Laid off and on close to the harbor all night (Bar 40)
W. Lat 53-17 Long 165-38 Bar (29-00)

Wednesday AM 21
Commences with fresh moleys from NE. Kept off at four thirty anchored at five thirty in Dutch Harbor
Unalaska 17 fathoms water
Alexander here Thu (38) (Bar 29.)

Thursday 22
At anchor in Dutch Harbor
Wind NE. Snowy Doing ship work & repairing damages to Rail
Bar (29-30) Orca arrived

Friday 23d
Anchored in Dutch Harbor
Ship C. H. Sargent arrived yest. Still snow
Wind NW & E. Bar 29-80.

Saturday April 24
Anchored the same
Finished repairing this PM.

Sunday April 25
Got under way & wind died out at eight AM, anchored again Underweight at eleven AM. and outside the Heads wind light SE. Four PM breezed up SE. Steering W by N 1/2 N Topsail & spanker out - Orca left also

~~Monday April 26~~
~~Wind hauled to NE strong with heavy SE swell. Four AM double reef main & foresail One PM came up to ice Lat 56.30. (about) Long 177.00. Now Lat 56.51 - Long 178.30.~~
~~Stopped the Steamer Thrasher We went aboard.~~
~~Tuesday April 27~~
~~Mod winds from NE to E. Steering to N & West along the ice Eight thirty hove too under foresail Snowing all day No Observation~~
~~By calculation Lat 57.48 Long 176.15~~

Monday April 26
Wind strong NE. Some SE swell. Under double reef sails. Snowy. Steering W by N 1/2 N & later W. Later W by N 1/2 N
Came up to ice this morning

Tuesday April 27
Strong NE & wet clear later part of day. Went on board Steamer Thrasher Steering N & West along the ice Lat 56-51. Hove too at 12 noon Made the ice 2 AM

Wednesday April 28
Mod & light NE to E winds with snow Steering N & West along the ice No observations Hove too at 8.30 PM.

Thursday 29
Wind AM light & calms. PM freezed up from SW. Worked out of the ice to the South. 3.40 kept off Steering W & N. Hove too at dark Lat 57-50 Long 175-50

Friday April 30
Wind light to S Late PM E - Steering along the ice to N & West
Clear all day. Lat 58 26 Long 176.50

Saturday May 1st
AM calm PM light N & W wind
Working along the ice to N & W
Clear Lat 59-03 Long 177-40

Sunday May 2
AM Light S & West winds. Steering W.N.W. Along the ice. PM wind S & E breezed up fresh 8-15 hauled too under the lee of a patch of ice. Took in all sail but foresail & Stysail
Clear ~~Lat~~ Saw a Steamer 11 PM
Lat 59-22 Long 178-34.

Monday May 3d
AM moderate SE W wind. Lying under the lee of the ice all night
Made sail and worked out through the ice to south of all -
Fog most of the day. PM Calm
PM wind E N E. light

Tuesday May 4
AM wind strong E. hauled too on. S. tack close to the ice Thick & snowing
Under double reefed Foresail & Main
Stay sail. Heavy swell. Start
Morning. & Moderating.
One reef in foresail & seven PM
Making about 5 N dist

Wednesday May 5
Wind light E. & E. Foggy all day
Steering W to N W by W.

Thursday May 6
Wind Light & Moderate from E
Came up to ice 8 A.M. & hove to
Fog all day.

Friday May 7
Moderate & light winds N E. All kept off
steering N to N W. Made the ice at
12 noon Thick fog all day lying on both tacks
aback.

Saturday May 8
Wind light & Calm all day from
N to W. Worked up in a large
hole to N & W. Thick fog nearly
all day. Looks like considerable
water North & West also to N & E.
No Observations

Sunday May 9
Wind light W. to N & calms
Worked to N E in the ice about five
miles found it solid No chance to
get anywhere to N or E. Came out
and hove to. Lat 60-07 Long 176-15 W

Monday May 10
Light winds variable & calms worked
a little to E & South. Poor Observation
Lat 60-00 - Long 176-09.
Mate shot three Crowbill Auks.

Tuesday May 11
Moderate & light winds variable
Worked up in a hole to N & E
Lat 60-14. Long 176-11 (Good sights)
Strong breze from E & N.
Lying under the lee of the ice

Wednesday 12
Wind fresh E. N E. Lying under the
lee of the ice — Heavy Swell

Thursday May 13
Moderate & light winds E. & N worked
to the E all we could. Ice makes
a little to the S of E ast. Lat 60-06 —
Heavy Swell

Friday May 14
Light Wind E. Clear Working
along the ice to E east.
Near Swell gone down some
Lat 59-54. Long 177-35 E

Sat May 15
Light Var Wind Some snow
Working E along the ice
Lat 59-54. Long 177-35 E

Sund May 16
Light S W. Wind A M. P M Breezed up fresh
Steering N by W 1/2 W. 10 P M came up to
ice & Cuffed to. Lat. 59-53 Long 178-05 E

Sunday May
Lying around the ice
~~Lat 16~~ No Observations

Monday May 17

Monday worked north to the head of the hole & hauled bow & laid around the hole the rest of the day. Lat 61-09. Long 178-33 E

Tuesday

Took the ice. Found it close light SW wind. & Moderate
~~Lat 61~~ No Observation

Wednesday 19 May

Wind Mod & light SW to W
The Wm Baylis came in the ice this A.M. Capt Havell came on board. Trying to work north but stuck most of the time considerable swell heaving in Eight P.M. Wind nearly all gone
Lat 61-23 No Long

Thursday May 20

Wind Mod NE. Came out of the ice and laid around in a hole
This PM went on board Wm Baylis
Wind light through the night.

Friday May 21

Wind mod & A.M. Stmr Baylis took the ice working to the North
8 PM had gone about eight miles
Schr lying around in the hole among scattering ice.

Lat 61-30 Long 178-11 E

Saturday May 22
Wind Fresh from E N E Went into the ice this AM. Considerable swell and much large ice. No Observations

Sunday wind fresh and moderate from E Lying in the ice with all sails furled
Saw five whales to day. All going to E quick.
~~Hon~~
Wm Baylis in sight

Monday May 24
Wind strong N E Lying in a large hole in the ice. Heavy swell came in about 6 o'clock PM. Two reef foresail & sometimes fore Staysail. Clear
Baylis out of sight to N E.
Almost all small ice around Cape Pourkhinsk in sight N & N.
Lat 61-45 - Long 175-59. E
Drifted to south of the whales
~~Saw one whale to-o~~

Tuesday May 25
Wind light & variable from E to S W.
Saw a steamer working to S through the ice. Called it the Belvedere. Saw 5 whales this PM one this afternoon Lowered. Whales going quite fast E N E by Compass
Took in all sail and laid among large scattering ice. Considerable swell on
Lat 61-41. Long 175-41 E.

Wednesday May 26

Light & Moderate winds SW & WSW
Saw 11 whales to day. Four still
ones in one hole. The Starboard
boat (Mr Harrington) got one (only one boat Covered)
Struck at eight fifty. Whale ran
into the ice. Some time getting
him to the vessel. Very little swell.
Lat 61-41 Long 175-40 E.

Thursday May 27

Calms & Mod winds E. Got our
whale alongside at two this morn
Towed through 1½ miles of quite close ice
Finished cutting five A.M. Ice slack
and some holes. All sail in
Lat 61-41. Long 175-31 E. Clear most of the day

Friday May 28

Wind light Var & Calms worked a little E
ice close. P M all sail in.
Lat 61-41 Long 166-06 E. Heard ~~two~~ whales spout

Saturday May 29

Wind Light W to SW. Worked a little through
loose ice. Lat 61-41 Long 176-13 E.
Saw two whales this afternoon in holes
in the ice. Too far to get at. ~~to~~
Ice closed up tight at noon. So have been stuck
the rest of the day Lat 61-41 Long 166-13 E

Sunday May 30

Wind Mod & fresh. W to W.S.W. Worked through the
ice E N E eight or ten miles. Fog all day
Mostly small ice. Opening and shutting
several times through the day. No Observation
Saw one whale to day ¼ mile off 2 spouts

Saw 31 whales and Bo 27 May

Monday May 31
Wind SW to WSW. Light AM. Fresh PM.
Fog latter part of the day. Worked through slack & rotten ice about ten miles. some few holes - ~~Lat~~ Seven PM struck fast. Lat 61-42 - Long 176-43 E

Tuesday June 1st
Mod S & W. winds working to NE as the ice slacks. Lat 61-45 - Long 177-07 E

Wednesday June 2
Strong SW wind Ice all slacked and opened in large holes Working ENE and NE. Saw Navarin at 12 PM bearing W by N fifteen miles dist Nine PM came up to thick ice and tied up to a large piece -

Thursday June 3rd
Wind strong S.S.W. Still tied up to the ice drifting slowly through the strips Fog all day. Broke out tobacco for 2 months

Friday June 4
Wind S.S.W more moderate and fog until noon. Cleared up to 3 P.M. after thick fog. 1-30 PM let go the ice and steered off N.N.E as the ice let us Plenty of water at seven PM (Mod wind) saw a whale turn flukes.
Lat 62-46 - Long 175-17 W - Tied up to the ice at 11 P.M.

Sat June 5
Wind mod & light from SSE to ESE. 9 AM let go the ice and worked through leads to N & E four PM. came up to close small ice. Took in all sail. Lat 63-22 Long 176-50. (Poor sight)

Sunday June 6
Wind light from E.ward clear all day
Lying with all sail in among the
ice. Ice close and small. A little swell
Saw a whale going to N & E (in a hole)
Lat 63-40 - Long 170-13 W

Monday June 7
Wind light & Mod E to ESE. Ice opened
this PM made sail and worked to
the N & E a little way. Six PM got stuck
in a large cake of young ice.
Took in all sail. Fog & Snow all day.

Tuesday June 8
Wind E Mod & light latter part of day
Fog all day. Some swell on.
Lying in the young ice - No Observation
Five PM calm - Saw a whale one rising
going to N & E. Seven PM Wind N. Light

Wednesday June 9
Light & Mod winds N to NW. Worked five
miles through the lane ice to NE.
Saw the Stone Baylies in the ice.
West shore in sight all day
Lat 63-48 - Long 173-45 W

Thursday June 10th
Wind N & W. PM ice slacked up
worked about five mile NE.
Ten PM tied up to the ice
Clear all day
Baylies in sight

Friday June 11
Wind Var and calm. PM Wind
breezed up from S & W. Worked
up ten miles through slack ice
Some very heavy ice around
Wm Baylis in Sight Lat 63-17
12 Mid fied up to the ice.
Lat 63-57

Saturday June 12
Wind W & WSW Light and mod.
Left go the ice seen PM and
Worked to the E miles through
slack ice (Clear) Lat 63-54.

Sunday June 13
Wind Light N & calm. Sawled the
ship through the loose ice all day &
through the night. Much small flat ice
Lat 63-32. Clear all day Bar in Sum

Monday June 14
Wind var & calm. Worked through the ice
as yesterday.

Tuesday 15 June anchored S Point 10 PM
Wind South moderate. Made all sail
& broke out into clear water off
Marcus Bay. Steering N for Indian Pt

Wednesday June 16
Wind S fresh Anchored N of Indian Point
for shelter. Ice all in the bight North.
Report of Whales from the Natives. Thrasher 2
Jenette 1 - Narwhal 1½ - Beluga clean - Wm Baylis clean -
Baleana 1 - Orca 2 - Alexander 1 - ~~Hall~~ Karluk 1
Belvedere 1 - Navarch 4

Thursday June 17 -
Anchored N Indian Pt Wind S. Strong

Friday 18
anchored N. I. Point. Wind light N & calm-Thick

Saturday June 19
B Wind N P W. Hove up and started for Plov Bay arriving off there noon anchored 1 30 PM. Clear

Sunday June 20
Hove up and started for Cape Bering Wind light and variable. At some P M off Plov Bay still some rain during the afternoon.

Monday June 21.
Wind light & var. A M wind S W Worked up towards J Rowland Bay and anchored. The wind died out Seven P. M. Wind from S clear most of the day. Scraped Bone to day Tried the the chronometer (All right)

Tuesday June 22d
Wind Sotherly. Got under weight and anchored again Wind pretty light. Fog all day Considerable swell heaving in

Wednesday June 23
Hove up anchor eight A M - Anchored in Marcus Bay three thirty P M.
Wind S & W. Strong - Put Bone on so at

Thursday June 24
Anchored in Marcus Bay. Wind S Strong outside. In the Bay calm

Friday June 25
Anchored the Same Wind Mod. S.
Wash our head of Bone.

Friday June 25
Waited all night & until seven P M for a breeze. Got under weigh - Wind Var. Anchored south of Indian Point 11 P M.

Sat June 26
Hove up and started for little Island Wind died out. anchored of the high bluff. Got under weigh several times during the night wind let go every time.

Sunday June 27
Hove up and towed with three boats until got a breeze. Wind all let go at 5 P M Made about three miles. Larboard boat Mr Baker went on shore 8.20 P M still calm. 12 anchored Little Island

Monday June 28
Anchored at the Island
Wind Calm

Tuesday June 29
Anchored at Little Island
Wind Calm

Tuesday June 29
Anchored at Little 9 Island
Calm

Wednesday June 30.
Anchored the same. Light Wind

Thursday July 1
Anchored the same. 9 AM
the ice coming in got
under sail and went around
the SW of the Island

Friday July 2
PM got underneath and
anchored off the settlement
Still working on the House

Sat July 3
Anchored the same
Clear all day no wind

Sunday 4
anchored the same

Monday 5
Anchored the same Clear

Tuesday July 6
Anchored the same Clear

Wednesday July 7
Took anchor and worked up
towards 9 Point. Came in Fog with
strong breze Anchored & Put
Bone in soak

Thursday July 8
Anchored the same strong S Wind.
Washing Bone

Friday July 9
Anchored the same. Washing Bone
Mod S wind & calm

Saturday 10
Hove up A M with light Var Winds
and worked towards St Lawrence Sd

Sunday July 11
Light Var Winds Anchored six miles
north of the Island. Thick fog

Monday July 12
Hove up at four P M clearing and
kept off with S E wind for N W cape
Anchored at seven. Thirty ~~Ragged~~
~~and~~ fresh breeze One P M hove up
and worked towards P. Clarence (Clar)

Tuesday July 13
Wind Mod N. Clear

Wednesday July 14
Wind from N to N W. Strong breeze
w Single reef in. Raised Sledge
Island a nine A M. 4.30 P M.
anchored under the lee of it
in 4½ fathoms nine.

Thursday July 15.
Anchored the same. P M wind hauled
to the W. Hove up & went under
the E side. Blowing a strong breeze

Friday July 16
Mod & light S winds. Hove up at seven
A M. and Steered W by N ½ N for P Clarence
anchored in P. C at 2.30 P M. 4 Steamers
and J B Peters in here

Saturday July 17
Anchored the same Raing

Sunday July 18
Anchored the same Clear
Monday 19
Anchored the same Clear & fog

Tuesday 20
Dove up and started for the
Wartering place. Anchored a 10 PM half way
Wednesday 21st
Bear came along and towed us
in to the land. Wind Var & light
Thursday 22
Anchored Port Clarence
Friday 23
Anchored the same
Sat 24
Anchored the sam

Sunday 25 ~~anchored~~ the same
Monday July 26
Got underweigh and the wind
Breezd up from the W.
Returned
Tuesday 27
Got underweigh and left for
Point Hope Wind fresh from S.S.W
at Prince of Wales the wind
let go anchored at 9 PM and
got underweigh at 11.30 P M

Wednesday July 28
Wind southerly. Steering W by S
for Cape Thompson. Clear & Fog
Thursday July 29
Wind died out & Breezed up fresh
from the W Tack & Tack for
Point Hope. Seven P.M. Cape T. 10 miles off

Thursday July 29
Wind W & SSW Mod & light.
Made Cape Sheppiey 8 A.M.

Friday July 30
Wind SW by W fresh. Tack & Tack
7 PM Anchored off Point Hope
10 fathoms - 25 chain out Moderate

Saturday July 31
Anchored the same Wind Mod
S & W. Later calm

Sunday Aug 1
Got under weight 10 A.M & started
for the coal mine Wind light SW
Later calm
Monday Aug 2
Wind Mod & light Variable & Clear

Tuesday Aug 3d
~~Wind~~ Anchored North of Lisburne at
5 A.M. Calm. Under weight at 10 Wind
N & E Mod & light. Clear & Fog

Wed Aug 4 1897
Wind light E. Anchored off the coal mine at 10 AM. Boat went in coaling. Got 5 loads through the day & night.

Thurs 5 Aug
Wind Var light with rain & fog. Got two loads of coal through the day Moved nearer in shore this forenoon 1 load through the night Hard coaling.

Friday Aug 6
Up anchor and hoisted for to the S of Point Jerg course S by E Rain all day Var light winds from E to NW. Came thru a patch of shore ice ten miles from the low land. Seven PM Calm

Sat Aug 7
Wind AM light Var from S to W. PM calm Anchored 18 miles S of P day considerable ice in shore. Some snow on.

Sunday Aug 8
Calm. Anchored the same. Got 225 lb Bone Natives picked up a stinker 4½ ft Bone Wind breezed up from N & E. got under weigh worked to N. Latter part Fog.

Monday Aug 9
Mod Wind N & E. PM Rainy. Stood into 3 fathoms and anchored among scattering ice. Got 40 Fox skins 35 lb Bone

Tuesday Aug 10
AM calm 8 miles S of Jerg Cape Natives came off. 6 PM light N Wind Hove up and worked to N.

Wednesday Aug 11
Wind Mod SE AM. PM calm
Off Skull cliffs. Wind let go when abreast the ice. All hands and towed her in to 4½ 4 fathoms. Rainy & smoky
10 PM Wind W raining Schr Bonanza

Thursday Aug 12
Wind AM fresh S & E. PM E. Hove up at seven AM. Followed the beach. Inside the ground ice. Anchored off the station 10.30 AM. Found the Bear there. Wm Boyle's at Pt Barrow. Reports Navarch in the Pack.

Friday Aug 13
Wind SW fresh Rainy. Hove up and Went around the Point for a be Pack close in

Saturday Aug 14
Light airs & calms through the day

Sunday Aug 15
Light NE wind

Sunday Aug 15
Light NE winds & calm

Monday Aug 16
AM Wind W by S. Took anchor and went to Browers station to get Potatoes. Came right back to Point.

Tuesday Aug 17
Wind AM S & W. Under sail and started down the coast to look for any of crew from Navarch. Bear found Capt & Mrs Whitesides with three officers two forward hands on Cooper Island. Took on board The Mate Mr Blome & Mr Reed PM fresh SE.

~~Anchored of Smiths Bay~~

Wednesday Aug 18

Yesterday Mr Blane reported 30 men on the ice without any boat. 2 on board of the Navarch.

Wind S to S.W. Mod and calms. Went on board of the Bear to dinner

Thursday Aug 19

Wind Var from S to W & E. Hove up at three PM and worked to the E. saw one. Steam brig this PM under sail. Anchored to of Cape Hakel

Friday Aug 20

Wind Var from S to S.W. Mod & fresh The Mm Baylis came up and anchored at 2 mi A.M. 10 AM the Karluk anchores also. Capt Davol & I went on board the Karluk.

Mr Blane & Reed went on board Baylis Hove up at 5 PM and worked a little W. with the other two ships. The Karluk Covered five boats for a whale 8 PM anchored. Wind N.

Saturday Aug 21

Mod Wind Var Hove up at 9 A.M worked to W along the ice in 4 fath anchored at 10 PM. Clear

Sunday Aug 22

Wind N.W Mod. Hove up daylight and worked to W along the ice off Cape Simpson at 5 P.M. Light snow squalls Mm Baylis in sight anchored at 9 P.M. Gave up search for Navarch's crew

Monday Aug 23

Anchored in two fathoms water (same) Just inside the pack. Wind light N.W. looks as if we were caught this time

Tuesday Aug 24

Anchored the same. Saw the Thrasher go by to the N. this A.M. Plenty of ice off shore. Natives report Brower saved and the only survivor of the thirty men on the ice. Steamer Jeanette in sight going W. Light snow squalls. Thrasher seven miles in sight from deck. Working close to land through ice. No chance to move to day

Wednesday Aug 25

Wind S.W. Got under weigh at six P.M and worked eight miles to W. Anchored at 9-30 in 4½-2 fathoms.

Thursday Aug 26

Wind W fresh & Moderate seven A.M worked two miles to W. in four hours beating. Anchored at 10-30 4½-2 fathoms Natives came off Report three men saved from the Navarch.

7. P M Wind light from N & W.

Ice in four fathoms (The pack)

Thursday Aug 26

Wind A.M W.S.W. P.M W. fresh. Ice close in Anchored the same. Had to trip anchor for a large piece of ice this morning. Light snow squalls. Tangent abeam.

P.M Wind W fresh.

Friday Aug 27
AM wind var from WSW. to N. Under
weigh and worked five miles & came
up to ice solid on the land open in
places off shore. Larboard boat went
cruising for whales off shore P.M. among the
scattering ice (up to the solid pack)
light winds all day. Anchored at 11-30 AM stop to
6. PM Wind breezed up from N & W. Hove up &
~~said~~ stood about four miles to ~~the~~ Westward.
close to the ice which makes on the land
~~for~~ Just to the E of Coopers Island
Anchored at eight PM. Saw a Steamer
to the ~~N.W~~ W. this PM. Clear most of the day

Saturday Aug 28
Wind Westerly. anchored ~~the~~ same
Saw a Stmr to West this PM
Pack in on the land

Sunday Aug 29
A Tied up to a large piece
of ground ice. Wind light &
Var. Calm PM. Natives came on
board bound E. Report six ships
at the Point. Also report the
pack on there. Bonanza in the
Lagoon. Sun all day for a change

Monday Aug 30
Anchored the same Wind light
N & W. Clear most all day

Tuesday Aug 31

Anchored AM the same Wind light N PM Wind E.N.E. Hove up and sailed down the coast two miles close to Doctors Island.

Wednesday ~~Aug~~ Sept 1

Ice came down at three thirty hove up and got under weigh stood in too close and got ashore in nine feet of Water. Pumped out 100 bbls Water and hove her off at twelve noon Wind fresh E.N.E. Let the sloop go forward. seemed to be under the influence of rum.
We stay in sight at the Point.
ice commences to be scattering.
Anchored in two fathoms among ground ice

Thursday Aug 2

AM Anchored just inside ground ice (deep two fathoms) Wind NE fresh Been blasting ice all day trying to get out in a lead making West. Got almost out at 8 P.M. Ground ice in the way. Tied up to the ice for the night. Plenty of ice all around. Saw two ~~vessels~~ vessels at the Point. If we could get out of this ridge of ice could have worked to the Point.
8 PM 15 feet water under the stern ~~ice~~ of shore closing up. Could not (of out) about five miles off.

Friday Sept 3d

Wind NE. fresh. Tied up to the same ice. Tried again to get out this AM. Had to give it up as the tide had fallen one foot with NE Wind. Pack close W & NW from us. Saw six ships at the Point to night. Clear & sunshine all day.
Think the eastern fleet must be jammed to E of Return reef as none of the Stines show up.

Saturday Sept 4th

Wind E by N 1/2 N. Mod and fresh Hove out through the ice and made sail. Went three miles Point Barrow in sight eight miles off Clear & sunny through the day Saw four ships E of the Point to day Anchored in 1/4 3 fathoms. The loose ice coming down slow dragging through. Big anchor down

Sunday Sept 5th

Wind W to WNW mod. Moved into 1/4 less 3 Ice about the same. Orca. Alexander. Jane Freeman. Belvedre came in to anchor. (Bulkhead). Orca reports the Herschel Island fleet with two whales all told Newport has them both. Clear & sunny Orca got a large whale the 4th all the 2 Cmes saw whales off from Tangent 10 fathoms

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day Sept 8th

e. Chas Bowes said to me. "Captain
sed within four miles of us. On the
of the day we were rescued by
Thrasher. Said we made all the noise
and fired a rifle to attract your
that you kept on going not paying any
to our signals. We gave up in utter
This was the same day I was obliged
the search (August) as I can tell.

Sept

Monday ~~Aug~~ 6th
Wind strong S.W. All the S tms went up to the Point. & had to move inshore in deep two fathoms to clear the ice coming down. Ice full of leads

Tuesday Sept 7
Wind light var. Westerly. PM calm up anchor and worked three miles towards the Point. PM calm anchored The Orca came down and towed me close to the Point.

Wednesday Sept 8
Wind Mod Westerly. PM fresh N.W. Got under weigh and ran down towards the entrance of Lagoon to keep clear of the ice. Orca & J. Freeman came down also.. Saw Chas Brower. 14 men were lost out of the thirty on the ice. 5-30 PM moved a little farther down Wind W Mod. Alexander at the Duck Station Pack in just above the U Station.

Thursday Sept 9th
Wind light from W. N.W. to North Ice remains the same. Orca. Belvedere. J. Freeman Rue Rest of the fleet stuck to E of here Malo shot few ducks this P.M.

Friday Sept 10
Wind N. fresh & Mod. All hands stuck here yet. Malo went to duck station & shot 38 ducks. Clear

Bar 18 50 M.

Sat Sept 11th 1897
Wind N moderate. Ice remains about the same small lead off the Point. Clear. Plenty of young ice

Sunday Sept 12th
Wind AM. light & Var N & W. PM wind W. Hove up and anchored outside the young ice.
Ice making Ther 24 at six PM.
Alexander trying to get through the ridge at Duck Station Back 1/4 mile off there At the Point fast on the ridge.

Monday Sept 13th
Wind light & variable & calm AM PM. Mod from NE. Ice the same Alexander got out and steamed out of sight. Looks favorable about getting out tomorrow. Male & second shot forty odd ducks. Clear & sunny.

Tuesday Sept 14th
11-30 Got anchor & went S of the Point. Stmr went also. Wind mod NE. Clear (ice same)

Wednesday Sept 15
Wind fresh NE. Ice remains same Hazy all day. Bar 22.00

Thursday Sept 16
Wind light & Mod NE.
Steamers tried to burst through the strip of ground ice But only got in a short distance. All came back to anc

Friday Sept 17th

Wind S Mod. Stmrs tried the ice again & were bucking all day (Orca ahead) I should judge the Orca got one third way through.. Stopped at 7-30 PM and stayed in the ground ice

Bar 30-

Saturday Sept 18th

Wind Var from S & to W. mod & light & calms. Stmrs blasting ice all day. Mr Baker carried the mail over also Capt Odgers letters. Shot twenty five ducks to day got underweigh & stuck in the young ice. Trying to get North of the Point. Pack near to South - scattering ice close in. lots of young ice off from the pack. Bar 29-

Steamers got out at ten P.M.

Sunday Sept 19

Wind light & calm. Every thing frozen over ~~towed~~ through the young ice to the shore ice. & commenced cutting a passage through it to the beach for the vessel Making ice all the time through the day. Stmrs at Cape Symnitt. Bar 30

Monday Sept 20th
Light Var S winds & calm. Finished cutting through to the beach Hauled through and tied up to the ice 10 ft 10 inches under the Stern 9 ft 6 inches under the bow. Clear & Snow. Heard to day from the natives that the Newport & Fearless were frozen in at Point Tangent and had sent up for food. Clear 29

Tuesday Sept 21
Wind fresh S & W light - Packs on Mate went to Charley Brings station for news Clear - Clear 18

Wednesday 22
Wind fresh W. Pack on far as I can see. The ice on the ridge never moved in any commenced making preparations for wintering Mr. Baker came back and reported the Newport & Fearless six miles from Tangent. The Jeanie fifteen miles E of them. Wanderer they didn't know of. Narwhal twelve miles drifting with the pack. I shot 64 ducks to day Clear 14

Thursday Sept 23d
Wind W. mod & fresh No change in the ice. Shot 24 ducks in a small hole this morning. Good for this winter Cut ice all day. Plenty of ducks just N of the Point in a small lead 9 ce to row to get to them Snow (Bar 25

Friday Sept 24th

Calm A.M. PM Wind E SE Light. Bar 2[illegible]
Finished cutting ice. Took C Lindberg
aft in the cabin to work. Ice the same

Saturday Sept 25

Wind light SW Clear Bar 14 a
Finished getting out provisions & ice
Bought 40 Ducks this PM. Harry & a
native went off to the Point after
ducks Too thin ice & couldn't get off
to them.

Sunday Sept 26

Wind W to NW Mod & fresh clear (Bar 5 a
Pumped 50 bbls fresh water out.
Bought 24 Ducks. 1 sack Flour 4 gts drill
5 men out from after supper without leave.
All Flour. Bread. Molasses Beef Pork on beach

Monday Sept 27

W to SW Mod & Light. Snowy (Bar 4 a)
Getting ready for mates.
Shot ~~twenty~~ three ducks to day
(Hardi. a sailor deserted last eve.

Tuesday Sept 28

Wind NNE ~~fresh~~ Mod & fresh
~~NNE~~ clear. (Bar Zero)
Got a letter from Brower. Tellin
me of the Burning & sinking of
the Jessie Freeman. Orca was
first abandoned off Ft Franklin
5 A M Sept 21. Eight the same day
~~the~~ at Eight the Freeman stuck in
the young ice and was abandoned
Then both crews ~~then~~ went on board the Belvedere
The B steamed through young ice in 4 fathoms

Mr Ives Continues Sept 28.

of water. The 25th three officers walked down to Browers Station ~~and~~ for assistance. to which was immediately responded. Hard chance for the Belvedere to get out two weeks grub on board & for all hands.

Wednesday Sept 29th

Wind NNE fresh - Clear (Ther 10 a)
Ice opened some off the bank
Smoky so cant tell how much water.
Arrived at the schooner at 12 noon
The ice shoved some quite close
to the schr to day. Pretty ovrag to tie fast

Thursday 30

A M Wind NW & W P M NW Clear Mod (Ther 6 a)
Making house over the after part.
Ice close off the Point - Sq it a few poles.
Off Duck station 1/2 mile between pack & Ground ice
Bought 7 ducks.

Friday Oct 1st

Wind NW Mod & Clear (Ther 10)
Making canvas house over the aft part
Got 20 Ducks from Anakaloona.
Pack on close to Point - Water off Cape 5

Saturday Oct 2d

Wind W mod & Clear (Ther 12 a)
Bought 35 ducks & shot 45 Ice the same
Brought some ice to schr to day.

Sunday Oct 3d

Wind W mod & clear (Ther 10)
Mr Baker went to the station.
Vol returned. Ice remains the same
Heard that the Orca was sunk.
Bought a lot of small fish to day

Monday Oct 4th 1897.
Wind light S.W. Clear
Mate came back from the station
Finished house over the Sturge & Valley
Tuesday Oct 5th
Wind S W fresh & Mod & Clear.
Pack hard on Crushing all the
young ice between the ridge & Pack.
Made house over the forecastle
Got eleven ducks to day [illegible]
Wednesday Oct 6
Wind S W Mod & light. Clear
Got 31 Ducks from Dna. Went to the
Point returned ~~back~~ this A.M.
Ice shoved in a little last night
G W Porter of the Belvedere came down
to look for a home. & found it.
Bought some small fish & Bear meat.
Thursday Oct 7
Wind light S & E. Clear
Ice remains the same
Got 36 ducks & some Tom cod
Friday Oct 8th
Wind N E fresh & Clear
Nothing of note. Making tent & Sled.
Saturday Oct 9
Wind N W W Mod & fresh Clear
Pack off from the ground ice below.
Sunday Oct 10
Wind light N by E. Light snow squalls.
Mate & Mr Porter went to Chaleys station.
Monday 11
Wind N by E light Clear Got a letter from (Baker 19a)
Cape Symth. Ice the same. Bought some fish
Sent a letter overland

Thursday Oct 12. 1897
Wind N by E Mod. Clear (Bar 14a)
Bought some Fish 20 Ducks.

Wednesday Oct 13.
Wind N & E light Clear (Bar 11a)
Bought 600 lbs fish small & large
(Sent a letter Oct 10 by Tilton)

Thursday Oct 14
Wind N light. Clear. (Bar (1a)
Hired 13 dogs to go to Stm Newport for coal
Mr Porter and Anakaluma going -
Bought five large fish & 1/2 saddle Bear
Took Gus formerly of the Freeman
to help in the cabin.
Bought 60 lbs fish ast. 1 flue.

Friday Oct 15
Wind N & N Mod. Snow AM. (Bar 9a)
PM clear. Got one sled load of wood
from spit by entrance to lagoon.
Put ice over the skylight Mr Ripley
came down yesterday on a visit
Mr Porter & Anakaloma started 6 AM
for Stm Newport.

Saturday Oct 16
Wind N by E light Clear. Allday (Bar 4a)
Got one sled load of wood. (2-Meals a day)
Bought 136 lbs Fish. 20 Grouse Pack still
off but in sight. Put ice over the windows

Sunday Oct 17
Wind E light Clear Mr Baker went (Bar 10 a.m.)
to the Station Bought 42 lbs small fish &
1 small bag of wood. Pack off - Saw one
Fred Flying to S. Mr Ripley went home

Monday Oct 18th 97

Wind N. light. Clear (Ther (0)
Bought ten fish (medium)
Three men from Cape Smith here to day

Tuesday Oct 19th

Wind N fresh with snow (Ther (0)
Bought 67 lbs Deer meat. 38 small fish.
Pack off. Natives shot three Bears at the Point yesterday. Two dog teams here today one from the Point, one from Cape Smith.

Wednesday Oct 20th 1897

Wind N fresh snowing see about 1/4 mile (Ther 4a.)
Mr Walker started over night. (Carrying the mail) bound to Herschel Island and on to civilization (6 dogs) 3 natives

Thursday Oct 21st

Wind N Mod Mr Walker started (Ther 8a)
a 8.30 A.M. & got far as the Point.. lots of snow So he had to send back to Cape Smith to get two more dogs (or three) Dogs sold for four ~~big~~ slabs big Bone. Natives all off to the Porcupine ~~& while me~~ getting out provisions.

Friday Oct 22d

Wind N fresh Clear no sun (Ther 5a)
for nine days. Mr Walker left this eve for the Point to make an early start eight Dogs. Bought two Bearskins & some small fish

Saturday Oct 23d

Wind N. Mod & Clear (Ther 4 58a)
No sled here to day. Banked a little on the starboard bow. Snow too soft. Sun out last part of the forenoon. Mr Walker left the Point this morning

Sunday Oct 24th 1897

Wind N Blowing a gale smothering (Ther 1a 57B)
Two natives from Cape Symth here
to day.

Monday Oct 25th

Wind N. blowing & smothering clear overhead (Ther 7 10B)
Two sleds came in from the Navarch. Natives.
Report all the stuff taken off. Sun out
part of the day

Tuesday Oct 26

Wind N. Fresh ~~& Mod.~~ Blowing (Ther 10 6B)
Mr Porter came back with five sacks of
Coal. Report all the stuff taken off
from the Navarch (815 lbs Coal)
Banking up starboard side.

Wednesday Oct 27

Wind N Fresh & Mod (Ther 6B)
Banking starboard side. Dogs came
in very poor. after the Hard work
on the Navarch. Made three trips.

Thursday Oct 28

Wind N Blowing & smothering. (Ther 10 B)
Opened a cask of Bread. Tot out 80 odd lbs
No more Bread excepting scouse fore or aft.
Mr Porter went to the station this P.M.

Friday Oct 29

Wind N Blowing & smothering (Ther 10 5 6B)
Banked up on starboard side. Cold work.
Men rather inclined to not work
claiming it too cold. Think they had
heard remarks concerning it.
Heard from the natives that Charlie
came back (from the Denport) to day
Mr Baker didn't like to sell his rifle for
the benefit of the ship. Asked him for it

Order to Paint the Boat [illegible] by the Mate



Saturday Oct 30

Wind N. Fresh smothering some. (Ther 2 B)
Banking up the starboard side schr listing to Starboard every day a little. Mr Porter not returned.
Bought a Darting Gun. 6 PM Snowing

Sunday Oct 31st (and last)

Wind N Fresh A M. Snow Mod P.M (Ther 2 B)
Mr Porter came back from the station
Mr Baker went down to the station
Dog team brought Porter & bags 16 bags from Mr ~~Elmy~~. House - Rd a Dl Gun 2 Bombs.

Monday Nov 1st

Wind N Mod. & Clear sun out (Ther 6 B)
Went to the Point after dogs (got 14 for the second trip after coal.
Mr Baker came back this P.M.
Banking ship all day. Bought 3 seals

Tuesday Nov 2

Wind N Mod & fresh. PM Mod (Ther 6 B)
Tried to get ~~together~~ the dogs together for Coal but failed.
Banking up Port side Bot 2 seals

Wednesday Nov 3

Wind N Moderate & Clear (Ther 14 to 10)
Charleys men came to the Point and get off the dogs so couldn't start to day Banking up the Port side See cracked outside the banking.

Thursday Nov 4th.

Wind N light Clear (Ther 10 to 8 B)
Hired 10 Dogs But failed to get them to the schr no time to go.
Bot a Kiack 27 flour 3 gals Molasses 7 Pork, Soda

Friday Nov 5th 1897

Wind light N. Clear (Ther 13.5 4 B)
2 Sleds & Dogs 2 Natives & Mr Porter
left this morning for Coal to Newport
Natives all on a drunk at the Point

Saturday Nov 6th

Wind N Mod & Clear (Ther 8 to 2 B)
Natives here from the Point.
Banking around the stern

Sunday Nov 7

Wind N Fresh & Mod (Ther 2 B to 1 a)
Three men went to Cape Smith
two of them had a hard time getting
back. Sent a sled for one Dennis.
Natives from the Point here

Monday Nov 8th

Wind S Mod & Fresh a little snow (Ther 2 to 10 a)
Bought forty one lb fish. Natives here
from Cape Smith & the Point
Four white men here from the station
Banking up stern & inside.

Tuesday Nov 9

Wind W S W Fresh AM Strong PM. (Ther 1 to 2 a)
Had 96 fish 20 odd lbs given me by
Pudruck who I let have some stuff
when she went out fishing.
Putting Snow on deck. Finished banking.
Natives here from both ways to day.
Mr Porter came in with 1501 lbs Coal
17 Dogs. 2 Dogs had to leave at the
Newport as they were cut one side.
Arrived at 9.15 PM. All O K.

Wednes ~~Saturday~~ Nov 10

Wind S & E AM. PM S Fresh & Clear (Ther 16 to 18 B)
Paid off Natives for dogs to day

Thurs. ~~Sunday~~ Nov 11th 1897

Wind S & E Mod & Clear (Ther 16 to 10 B)
Pack still off. Natives here from both ways
Bought 70 lbs Deer Meat. Mr Porter gone to Nelson

Friday Nov 12

Wind S & E Blowing & Fresh, snow. (Ther 2 B to 18 a)
Some one of the crew stole some large fish
from out of the house last night. Natives
here from the Point. Have traded 29½ sacks
flour since frozen in.

Saturday Nov 13th

Wind W light & calm AM (Ther 4 to 7 B)
PM Wind S & E. strong. Hired twenty four
Dogs & three sleds. Mr Porter come
back from the Station this PM.
Pack went off from the ground ice
yesterday. Natives here from both ways.

Sunday Nov 14th

Wind S & E Fresh AM. Blowing PM (Ther 15 a)
No water in sight from the schooner
tried to make a start for the Newport
but couldnt get the dogs together. snow PM

Monday Nov 15th

Wind S.W. Strong. considerable (Ther 15 to 18 B)
Snow drifted last eve. Got twenty two
dogs together all ready for a start
tomorrow morn. [Bought a sled]
Three natives, one squaw Mr Porter
& Mr Baker are going with the Outfit

Tuesday Nov 16th 1897

Wind S. Strong snow drifting (Ther 15 to 24 a)
Three dog teams left this morn
Mr Baker & Porter four natives with
them. Bought 1 saddle Deer meat 30 lbs
Lock acct of Tobacco & Bucks. Got the ½ keg
of Butter out

Wednesday Nov 17, 1897

Wind S Mod & light (Ther 12 to 6 a)
Natives here from both ways to day
Bought a Pierces Dt Gun, new —
Gave 1 Rifle 5 carts 45-70. Clear all day
No water to be seen from here.

Thursday Nov 18 —

Wind SW Mod & Fresh (Ther (4 to 9 B)
Natives here from below Cape Smyth also
from the Point. Bought 192 lbs Fish. Cleared
away from under my Closet to day.

Friday Nov 19th

Wind NW Backs to S E Clear & (Ther 20 to 14 B)
light. Saw part (upper limb) sun to day for
the last time. Natives here from the Point
shifted the ice pile to the spit. Sun for the last time

Saturday Nov 20

Wind S E to South late PM. (Ther 4 to 9 a)
Snowing at six PM. Natives here from both ways
40 Fish from Cape Smyth couldn't buy them
as they asked too much.

Sunday Nov 21st

Wind N by W Mod & Fresh (Ther 4 a to 2 B)
Snowing lightly all day. Mr Porter &
Baker natives came in with two sleds
One (a new one) broke down and had
to leave it three hours out. Brought
lbs Coal from the Newport.
Natives here from the Point. Left one
dog behind Couldn't catch it. Hannas

Monday Nov 22d

Wind NE. Fresh & strong. Clear (Ther 14 B).
Natives here from the Point. Had a native
wife & one small boy that the natives drove
away (for some unknown reason to me) came for
shelter. And commenced building a snow house

Tuesday Nov 23d 1897

Wind NE Fresh & clear Ther (12 to 16 B)
Native finished a small snow house.
Natives here from both ways, got ten ducks yesterday for a piece of Deer skin. Sled came here from the Jeanie

Wednesday Nov 24th

Wind N light & Clear (Ther 14 B)
Sent out two sleds for the coal & the broken sled. Mr Baker went with the two natives got back at 3 thirty. Natives here from both ways Brought three saddles, but couldn't buy the Fish as they asked too much. Also one saddle over they carried to Cape Smyth.

Thursday (Thanksgiving) Nov 25th 1897

Wind N E Fresh & clear Ther (10 to 8 B)
Natives here from the Point. Kianna took the sled home to fix. Mr Baker a little on the sick list to day. Paid off for 3d trip.

Friday Nov 26th

Wind NE Mod & Clear (Ther 4 to 2 B)
Mr Porter came back from C Smyth got three seals from my Natives

Saturday Nov 27th

Wind light NE. & Clear (Ther 2 B)
Mr Thomas (Newport) here for the night with two teams. Mr Porter went to the station & back. With the two natives Brought sugar & tobacco from Charlie. Mr Baker sent his rifle down to trade for Skins. Couldn't make it. Ship without any rifles & very much needed at this time.
Mr Thomas here from Cape Smyth with two teams of Dogs. 22

Sunday Nov 28. 1827

Wind N & N by W light & clear (Ther 10 to 9 B)
Mr Thomas left for the Newport & 3 teams of mine also carrying goods to the Newport & Fearless. Brought 2 seals Pd 1 of Flour Ice still off from the Ground now about three miles off. at the Point.

Monday Nov 29th

Wind light, N & clear (Ther 10 B)
Only two natives here this day. Mr Baker let me have his rifle to day Moved all the casks & stuff out of the snow-

Tuesday Nov 29th

Wind N light & clear (Ther 4 a)
Cook went to Point Barrow after supper last eve. & died, to return. Sent twice to the Point but couldnt find him. Got one seal to day

Wednesday Nov 30

Wind light & calm NW. (Ther 2 a to 6 B)
Sent a native down to Cape Smyth to see if the cook was there. On the way down found his body about three miles down on the Lagoon ice. Froze to death
List of Clothes in his bag - Namely
1 pr Blankets 2 pr wooll Socks - 2 Drawers 1 Undershirt. New Ships goods. (1 Black cotton half hose. 1 pr of wool stockings taken for ships use. Left in the bag 1 suit of Dark Clothes. 2 Cambric Shirts white laundered shirt. 2 Cooks white Caps 1 pr Suspenders. 1 pr Shoes 2 duck [illegible] shirts. 1 do. Drawers - 1 old skin Socks.
Natives here from both ways. Very fine day Ice remains about the same
Sold Mr Baker the [illegible] & Cooks
(Buried the Cook this P.M.)

Thursday Decem 2d 1897

Wind NW light & clear (Ther 18 B to 19 B)
Natives here from both ways. Hired four Dogs to go down to Charleys to get the Cooks goods
Got a new man for Cook from C Smyth
Made no agreement as to pay
Mr Baker went to the station. Got out 1 Bbl of molasses for trade & one for the crew

Friday Decem 3d
Wind N light frost smoke all day (Ther 5 B)
Sleds came in from the Newport all ok. One of Mr Thomas's sleds brought coal also. Newports sleds here for the night. Brought 2250 lbs coal. Sent down to the station for the Cooks duds by Anaka came all right. Hired four dogs from Ei-buna. Sleds arrived 6.30 PM.

Saturday Dec 4th
Wind N & E light with frost smoke all day (Ther 4 B)
Mr Thomas went to the station als natives
Ice remains the same off shore P Minnie N

Sunday Dec 5th
Wind E light Frost Smoke (Ther 5 B)
Heard report from the ships Wm Baylies 11 Karluk 10 - Jeanettes 11 Alexander 9 Whales
Report came via Point Hope.
Mr Thomas came back to night.

Monday Dec 6th
Wind SE. light & clear (Ther 21 to 18 B)
Mr Thomas left for the Newport this morning. Tried to get some wood from the wreck of the Wm Lewis to day. Got none

Tuesday Dec 7

Wind very light and variable. Clear. (Ther. 15 B)
Mr Porter ~~com~~ went to the station and returned. Mr McGlhenny sent me some writing paper & 98 loaded No 12 shells which I will send back as have no gun the size. Natives here from both ways.

Wednesday Dec 8th

Wind light NE. Clear (Ther 7 B)
Got dogs for a trip inland after Deer & skins. Natives here from both ways Sent some trade out.

Thursday Dec 9th

Wind S light & Clear. (Ther 8 B)
Mr Porter left at 5 AM for Deer Meat Sled here ~~of~~ on the way to the Leanne Tract to blast some wood from the wreck of the Jm Lewis. No go Mr Thomas ~~Thursday~~ here

Friday Dec 10th

Wind var & light NWthrly. Clear (Ther 8 to 9 B)
Mr Thomas went to the station & returned. Natives here from the Point

Saturday Dec 11th

Wind var fresh & light Wly. (Ther 14 to 24 B)
Fred & Ned Agie came up early this morning to send letters by the sled. Mr Thomas left here at 6 AM. Ice still open so the natives get seals

Sunday Dec 12th 1897

Wind N light & Mod (Ther 26 to 27 B)
Good many natives here from the Point. Weather not very clear after three P M.

Monday Decem 13th 1897

Wind E. Blowing hard. smothering Ther (4 B)
Tuk Kah & Eshawana went to the Cape
to see about deer meat from inland.
Everybody keeping close this weather.

Tuesday Dec 14th

Wind Light S & to S. clear (Ther 8 to 2 B)
No natives here from the Point. Ice same

Wednesday Dec 15th

Wind S light & foggy (Ther 2 B to 12 a)
Tuk.Kah. came back from the Cape
nothing as yet as to the Deer &c.
Bankers up outside of the house

Thursday Dec 16th

Wind very light N & E Clear (Ther 4 a to 13 a)
Only about two hours good daylight.

Friday Dec 17th

Wind N E by E Mod & light Clear (Ther 8 to 12 B)
Few natives here from the Point Ice the same.

Saturday Dec 18th

Wind N & E Blowing & Snowing A.M. (Ther 2 a)
Moderating some after fine P.M. Hired
a large Dog & Bought one. tugging Skin.
No one left the Ship this bad weather.
Natives here from the Point.

Sunday Dec 19th

Wind. S Clear & Moderate - (Ther 9 a)
Got 137 lbs of large Fish from a native
Many natives here from the Point

Monday Dec 20th

Wind S W Mod & light. Clear (Ther 1 a)
No change of ice Natives From the Point.
here. Expected the Newports sleds to
day Also some from the South.

Tuesday Dec 21st 1897

Wind N.E. light P.M. W. Clear Ther 13 to 14 B
No change. Natives here from the Point

Wednesday Dec 22d

Wind S.E. Mod & Calm (Ther 24 to 22 B)
Mr Porter came in with four Deer
all right. Dog. at back.

Thursday Dec 23d

Wind E.S.E. Mod & light Clear. (Ther 14 B)
Sleds from Newport & Jeanie.
Capt Leavitt & Wilf. B. came
Stopped to Breakfast. Brought 1 bg corn.

~~Thursday Dec 24th~~

Friday Dec 24th

Wind E&S Mod & light. (Ther 12 B)
Mr Baker. Porter & two men went to
the station. Two men went yesterday also.

Saturday Dec 25th

Wind N.W. Clear & Moderate (Ther 19 to 25 B)
Discharged the Jap Cabin boy by
mutual consent. Ice close to day
Cook came back this AM.

Sunday Dec 26th (Ther 22 to 27 B)

Wind N. Mod & light. Ther. ~~18 to~~ 22 B)
Every body back from the Cape to day.
Pack came in last night.

Monday Dec 27th

Wind W.S.W. Mod & light Clear (Ther 22 to 26 B)
Newport's sled here bound up to the Pump
Got 4 seals & some Bear Dog feed to day.

Tuesday Dec 28th

Wind W.S.W. light Clear (Ther 20 to 16 B)
Mr Ripley came down to day. Newports
team left at 7.50 this morning

Wednesday Dec 29th 1897

Wind S light Clear (Ther 16 to B 24)
No change in the ice

Thursday 30th

Wind NE, Blowing & Fresh (Ther 14-15 13 B)
No change to seen from deck in the ice

Friday Dec 31st 1897

Wind N & E. light. Fog. (Ther 8 to 4 B)
Porter went out sealing to day. Reports
plenty of water off shore of the groundice.

Saturday Jan 1st 1898.

Wind NE. Mod & fresh (Ther 4 B to zero)
Sled here from the Newport to day.

Sunday Jan 2d

Wind Mod N & E. Fog. (Ther 2 to 6 B)
no men went to Cape Smyth.

Monday Jan 3d 1898

Wind N mod & Clear (Ther 10 to 13 B)
Capt Leavitt stopped here to night.

Tuesday Dec 4th

Wind Mod N & E Clear (Ther 24-30-27 B)
Capt Leavitt left here this A.M. 9 P.M. Dr
Marsh & wife made a short call on
their way to the Newport.

Wednesday Jan 5th

Wind N & E. Mod Clear Ther 18 to 19 B
Porter left with 26 dogs & four natives
for the newport sleds loaded with Beef.

Thursday Jan 6th

Wind NE Blowing & Smothering (Ther 18 B)
Only one native here from the Cape
Three from the Point.

Friday January 7th 1898.

Wind N & E moderate Clear (Ther 15 to 14 B)
One sled here on the way to the Point.

Saturday Jan 8th 1898.

Wind N & E Blowing (Ther 8 B)
No change around the Schr

Sunday Jan 9th

Wind N & E Blowing (Ther 11 to 10 B)
Porter arrived with one sled. Two sleds
broke down off Dead Mens Point
Started with 2100 lb coal

Monday Jan 10th 1898

Wind N.W. to W light & Mod. (Ther 9 to 16 B)
Sent out three natives & brought in the coal.

Tuesday Jan 11th

Wind SW Mod & hazy (Ther 22 to 25 B)
Mr Thomas here from the Newport
with two teams.

Wednesday Jan 12th

Wind S W fresh Clear (Ther 16 & 14 B)
Mr Thomas went to the station also
Mr Baker.

Thursday Jan 13th

Wind W S W & N PM S mod & fresh (Ther 12 to 31 B)
The Navarch reported five miles off Cape
Smith. Got dogs to go down there tomorrow

Friday Jan 14th

Wind S & W light & Mod (Ther AM. 32 B)
Mr Baker started for the Navarch (for coal)
this morn at seven. Harry Carl & one
Native with three teams & 25 Dogs

Saturday Jan 15th

Wind S.W. PM W & S Mod No Ther on board
Cook got back from the Navarch
Sunday.

Sunday Jan 16th 1898

Wind S.W. A.M. P.M West. No Ther on board took it down to compare with others at the Cape. Sled stopped here on the way to the Jeanie. Reports the Narada in young ice.

Monday Jan 17th

Wind N.W by N. Mod & Clear (Ther at cape Smith 37 B) Mr Baker sent ~~two~~ one sled up with 704 lbs Coal. Sent the team right back.

Tuesday Jan 18th

Wind N & W A.M. Mod & Light P.M. wind N. fresh. nothing new to day

Wednesday Jan 19th

Wind N.E Mod & fresh (Ther 27 B) Mr Baker & crowd came in from the Cape with ~~427~~ 243 lbs coal all O.K.

Thursday Jan 20th

Wind N.E Mod & fresh (Ther. 16 to 26 B) Mr Burke from the Fearless stopped here on his way to Charlie's & landed 426 lbs coal, 1 ¼ lead. Water off shore.

Friday Jan 21st

Wind N & E light Clear (Ther 22 to 26 B) Ice open off shore Natives getting seals

Saturday Jan 22d

Wind light South & E Clear (Ther. 26 to 32 B) Mr Burke & Sled from Charlie's bound to the Newport here to night. Got dogs for a start to the Newport to day

Sunday Jan 23d

Wind N & W light ~~&~~ Mod (Ther. 38 to 26 B) Mr Burke here laid up with a frozen foot. Failed to get dogs for one team. Start tomorrow if fine

Monday Jan 24th 1898

Wind W light & Mod Clear (Ther 38 to 81 B)
Mr Baker & Burke left this morning for the New hut. 18 bags -

Tuesday Jan 25th

Wind S & W Mod & light Clear (Ther 32 to 30) B)
Ice all close off shore. Saw the sun for a little.

Wednesday Jan 26th

Wind S & W Mod & light (Ther. 32 to 34 B)
Saw the sun all clear of the Horizon

Thursday Jan 27th

Wind E & NE Clear light (Ther 32 to 34 B)
Nothing to note this day.

Friday Jan. 28th

Wind NE Strong smothering (Ther 28 to 26 B)
Mr Baker came in all ok with two loads of coal.

Saturday Jan 29th

Wind NE light & Clear (Ther 28 to 28 B)
Everything remains the same

Sunday Jan 30th

Wind E Mod AM Blowing & PM. (Ther 34. to 18 B)
Mr Baker & two men went to the station to day

Monday Jan 31st

Wind SW Boring & Blizzard. Ther (18 to 24 above)
Snowing & drifting very much. Charlie's sled stopped here on the way back to bad weather to face it. Had 5½ seals on

Tuesday ~~Jan~~ Feb 1st 1898

Wind S & E Mod. PM Wind S & W (Ther 18 to 9 to 16 B)
Navarch SW of us about eight miles. Got ready for a try for Coal tomorrow if moderate. Ice moving by the back with little or no water off shore.

Wednesday February 2d 1898

Wind S W Fresh & Mod Clear (Ther 14 to 18B)
Mr Baker & Portas with natives some of the crew & three sleds started off to the Navarch, Came back at 8.45 PM with 8 sacks coal left nine sks on the ice.
Report very heavy ice & the Navarch all stove up. Hard work coaling.

Thursday Feb 3d

Wind South Clear & light (Ther 12 to 6 B)
Coal weighed 640 bags & all. Got dogs for Tomorrow.

Friday Jan 4th

Wind early S light after N & fresh Clear (Ther 14 to 6 B)
At three PM discovered the Navarch to be on fire. Burning at the present time 8 PM. Sled brought in 800 lbs coal this noon.

Saturday Jan 5th

Wind S W to N Mod & Fresh Clear Ther
Navarch still burning (Ther 6 a to 10 B)

Sunday Jan 6th

Wind Var light N to S & Clear (Ther 28 to 30B)
Navarch still burning Mr Thomas here from the Newport this PM at 8

Monday Jan 7th

Wind light N Clear (Ther 34 to 41 B)
Navarch still burning. Mr Thomas left this PM

Tuesday ~~Thursday~~ Jan 8th

Wind N & W ~~Mod~~ & light (Ther 38 to 31B)
Sled stopped here on the way to station from the Leanie with the P. Mole a passenger. Filled out Angaka for a Deerhunt.

Wednesday ~~Friday~~ Feb 9

Wind Mod & fresh N & E. Clear (Ther 34 to 26 B)
Filled out two hunters to day
Ice Open off shore.

Thursday Feb 10th 1898

Wind strong NE. (Ther 22 to 16 B)
Saw smoke from ~~the~~ Warack today

Friday Feb 11th

Wind N fresh (Ther 15 11 & 12 B)
Nothing to note this day

Saturday Feb 12th

Wind NW light & Clear (Ther 15 to 24 B)
Porter came out from the station

Sunday Feb 13th

Wind N very light & Clear (Ther 12 to 14 B)
Went to the Point to see a sick child

Monday Feb 14th 1898

Wind light N & E. Clear. (Ther 22 19 20 B)
Mr Denny here from the station

Tuesday Feb 15th

Wind light NW Clear (Ther 32 28 35)
Mr Decring returned to the Cape -

Wednesday Feb 16

Wind light N & W Clear (Ther 34 28 34 B)
Took trunks to leave this morning

Thursday Feb 17th

Wind N & W light. Clear (Ther 22 17 20 B)
Got dogs to go after a Bear skin tomorrow.

Friday Feb 18th 1898

Wind N light & Clear. (Ther 22 to 28 B)
Mr Porter left this AM at 6 AM for
a Bear skin with 8 dogs didnt return.

Saturday Feb 19th

Wind SE light & Clear (Ther 26 to 29 B)
Mr Thomas here for the night. Also 8 bed
stopped here on the way to the Jeanie
Porter didnt get back to day
Think he went to the Newport
Mr Baker came back from station

Sunday Feb 20th 1898

Wind very light & calm var N to S & W (Ther 31 19 38)
Took one man from forward for cook Feb 16th
~~William~~ Chas Nelson -
Mr Porter arrived with a Bear Skin & one ct Coal
Reported that the ground ice all left from the
Belvedere Nothing but new ice left.

Monday Feb 21st

Wind N light & Clear (Ther 32 26 30 B)
Weighed Fish 228 lbs Deer Meat 375 lbs

Tuesday Feb 22d

Wind AM N E Mod PM Strong (Ther 40 36 31 B)
No change around the ship —

Wednesday Feb 23d

Wind N & E fresh Clear Ther 22 - 26 30 B
Nothing to note -

Thursday Feb 24th

Wind light & var N & W Calms Ther (32 26 30 B)
Nothing to note this day.

Friday Feb 25th

Wind light N. Clear Ther (32 - 8 32 B)

Saturday Feb 26th

Wind N E blowing Ther 38 16 - 27 B)
Two natives were carried off by the ice
breaking off inshore of them.

Sunday Feb 27th

Wind Mod & fresh Snowy (Ther 16 - 10 - 16 B)

Monday Feb 28th

Wind All 8 by S light - PM Strong S E (Ther 16 12 14 B)
The Natives got back that were carried off
by the last night -

Tuesday Mch 1st 1898

Wind S E & S mod & fresh. Ther 4 B to 20 Above
No change

Wednesday March 2d 1887

Wind light from SSE to NE (Ther 4 12 to 10 R)
Mr Ripley here on a visit.

~~Friday~~
Thursday Mch 3d

Wind NE Mod Clear (Ther 10 a to 4 B)
Mr R went back to the Cape

Friday Mch 4th

Wind ~~strong~~ Blowing a gale NE. (Ther. 10 9 16 B)
Mr Baker went to the station yesterday.

Saturday March 5th

Wind NE Mod & Clear (Ther 22. 14 24 B)
Mr Baker came back from the station.

Sunday March 6th

Wind NE. Mod & Clear (Ther 29 22 38 B)
Bought two seals to day.

Monday Mch 7th

Wind NE fresh smothering some (Ther 20. 16. 17)
Nothing to note.

Tuesday Mch 8th

Wind N light Clear (Ther 16 10 9 B)
Mr Thomas stopped here on the to the Cape. Reported Anaka with ten deer -. ~~Wednesda~~

Wednesday Mch 9th 1898.

Wind N & E Mod & Clear. Ther (11 - 9 - 10 B)
Got dogs for a trip for bear meat
One sled here bound to the Newport

Thursday Mch 10th

Wind N fresh & Mod (Ther 12 11 - 12 B)
Newport sled left to day
Sent to the Cape for dogs got four. Think will get a start 2nd

Friday March 11th 1898
Wind light N & W Clear (Ther 14 11 25 B)
Mr Baker left with Joe one Native & two sleds & nineteen dogs after Breakfast

Saturday March 12th
Wind Wly light Clear (Ther 28-22-28 B)
Mr Buxton took exposures of the Schr & crew & returned to the cape

Sunday March 13th
Wind W light Clear (Ther 28 25 33 B)
Four men went to the Cape to day. Three came back one stayed at the Station

Monday March 14th
Wind Var from S to W light Clear (Ther 28 26 40 B)
Willis B came from the station to day and made us a short call
Newport's sled left a note from Mr Baker

Tuesday March 15th
~~Mr Thomas~~
Wind N & E Mod & Clear (Ther 38 30 36 B)
Mr Thomas here from the southward with two sleds

Wednesday March 16th 1898
Wind N & E AM Mod PM blowing Ther 38. to 10 B)
Bar 29-70-12 PM. Mr Thomas left for the Newport

Thursday March 17th 1898
Wind AM S'ly PM. N.E. Mod & light (Ther 5 1 20 B)
Nothing to note

Friday March 18th
Wind N AM Mod. PM W light. (Ther 19 12 16 B)
Nothing to note

Saturday March 19th
Wind W to N Mod & Clear (Ther 10-6-20)
Got wood from the Old Wreck of the Wm Lewis

Sunday March 20th 1898

Wind E Blowing & Smothering (Ther 5. 2. Zero)
Nothing to note.

Monday March 21st

Wind from SE to SW AM Blowing Ther (4 10 7B)
PM Mod & clear with the wind SW light

Tuesday March 22d

Wind SW strong. PM Wly Smothering Ther (6 to 10B)
Working for wood on the old wreck

Wednesday March 23d

Wind SW to SE Mod & light Clear Ther 12 - 6 15B)
Working on the wreck. Got considerable wood.
Cutting off timbers to day. All sound.

Thursday March 24th

Wind E by S to E Blowing hard (Ther 4 2 3B)
Mr Baller arrived this AM at 8-30 PM. With
9 Deer & 786 lbs. 13 Day out

~~Wednesday March 25th~~

Friday March 25th

Wind N & E light & Mod Clear Ther (5B-1a-4B)
Heard from Eskimoes. With 20 Deer.
Mr Porter returned from the station

Saturday March 26th 1898

Wind E AM strong PM Mod & light Clear (Ther 5-2 14B)
Mr Cottle stopped here on his way East.

Sunday March 27th

Wind N-E Mod PM Strong. Ther (6B 1a - 2B)
Sent down to the Cape for dogs. Got none

Monday March 28th

Wind Wly fresh & Clear (Ther 4 9 a to 0)
Got dogs for a trip after Deer meat.

Tuesday March 29th

Tuesday March 29th 1898

Wind light S.E. Ther (4 B 18 a 8B)
Mr Baker went to the station for dogs & returned with four. Lieut Jarvis & Dr Call arrived from San Frisco. Driving 440 Deer for the relief of the ships. Recd 16 letters

Wedesday March 30th

Wind N W & W light & clear (Ther 0. 10 0)
Mr Baker left with 17 dogs & two natives. Mr Porter went to the Station & returned. Working on the old wreck very little wood as it is full of gravel & coal dust

Thursday March 31st

Wind N Mod & fresh & clear (Ther 10 15 15B)
Nothing to note this dy (Got a little wood)

Friday April 1st 1898

Wind N light & clear Ther 6 B-4a-20B
Blasting on the old wreck. some success
Heard from Tuk ka with twenty odd Deer

Saturday April 2d

Wind N.E light & Clear (Ther 15 . 0 . 16B)
Blasted considerable wood to day.
Recd 64 lbs Tobacco from C D. Brower (Chewing)
Mr Porter went to the Cape after dogs get none

Sunday April 3d

Wind N.E fresh & Mod Smoky (Ther 15 8 4B)
Lieut Jarvis sent a ~~former~~ sailor who deserted & was discharged by me. And delivered to C D Browers Station & Albert Hadi.

Monday April (4th 0 10 0)

Wind N.E. ~~a light~~ & Ther
Eskavana left this morn for deer
Hardi went to the Cape & was sent back by Lieut Jarvis. Saying he recognized No discharge given since the ships left from me

Tuesday April 5th 1898

Wind Nly light (Ther 18 8 A 0)
Lieut Jarvis Will Dignan & Capt Sherman called here on a visit. Lieut J acknowledges that by mutual consent Hardis was discharged

Wednesday April 6th 1898

Wind Nly Moderate & Clear (Ther 11 10 20B)
Mr Allen & Ripley here & returned.
Mr Cottle stopped here yesterday with four loads of Beer 26 all told Working on wreck & Getting out the boats & canoe
Sent Hardi back to the place he belongs
Cape Smyth

Thursday April 7th

Wind W light & Clear (Ther 15B 12 - 20B)
Digging out boats finished & Made a snow house for covering canoes: Working on the wreck. Got some wood to day

Friday April 8th

Wind Nly Mod & light Clear (Ther 15B 0 10B)
Mr Baker came in two sleds two natives & two sleds with 967 lbs Beer. all O.K.
Blasting on the Kelson with good success

Saturday April 9th

Wind NxE fresh & blowing a gale (4 B 2a 4B)
Got a little wood from the wreck.
About three days wood. Nothing to note particular

Sunday April 10th 1898

~~Wind~~ Wind NxE Mod & light Clear (2B to 8a)
Three sleds from the Newhook stopped on their way to the station 1 letter from George Leavitt Esq.

Monday April 11th 1898.

Wind N & E fresh (Ther. 2a 6a 3B)
Mr Porter went to the cape & hired eight dogs & returned. Got out a little wood from the wreck

Tuesday April 12th

Wind N & E fresh snow blowing Ther (2 2 6B)
Hired a sled from Kiana - Failed to get an native

Wednesday April 13th

Wind N & E blowing (Ther 4B 2a 6B)
Got two natives to go out with the sleds to-morrow. Nothing & Natives report seeing whales

Thursday April 14th

Wind N & E Moderate (Ther 6B - 2a 4B)
Mr Baker with two natives one man & 27 dogs. left after Deer meat from Tukuka & Ekamanas

Friday April 15th (Got wood from the wreck)

Wind N & E fresh & strong (Ther 6B 2a 8B)
Got some wood from the wreck. Built fire in the snow house & commenced fix in Dall Guns Poles. Mr Thomas Arrived & left. also the Lap Steward Jeanie Four teams of Charlies after wood passed

Saturday April 16th

Wind N & E strong & fresh (Ther 0 - 6 - 4B)
Rigging dall Guns two sleds came in from Deer hunting. Ekakana & Sackleroma.

Sunday April 17th

Wind N.E. and light & fresh (Ther 1B 8a 4a)
Had word from Unaka with thirteen Deer Commenced getting dogs to go to Kiana

Monday April 18th 1898.

Wind E.S.E to S.E. fresh & light (Ther 2B. 5a - 2B)
Mr Porter went to the tape for dogs & got 4. & went to the Point for ~~dog~~ sleds for a trip to Unaka. Got Ekakarna's sled. Put cover on canoe Got considerable from the wreck.

Tuesday April 19th 1898

Wind E fresh & moderate Clear Ther (2B 8a 2a)
Working on the wreck & on whaling geer
Got one saddle of Deer from Tuck a loone

Wednesday April 20th

Wind N & E mod & light Clear (Ther 2a 14a 4a)
Got out about one weeks wood from the wreck
Making a tent for whaling.

Thursday April 21st 1898

Wind N E light & Mod fresh (Ther 6 12 8a)
Got one weeks wood out of the wreck to day
About all we can get at. Canoes started out
on the ice yesterday from the Cape & Station

Friday April 22d 1898.

Wind N & E moderate. Snowing 5 P.M. (Ther -8 - 16 - 12a)
Sled from Herschel Island stopped here for
lunch on the way to the station. Two white
men & one native. One of the men came from
the Jeanie Fifty six day from the Island
Report Beluga 4 whales Narwhal 3 - Baelena 5 - Grampus
Hume Clean. All but the Hume wintering at
Bailie Island Couldnt get e on acct of ice
Fitted out a native for whaling, Wood from the wreck

Saturday April 23d Snow

Wind N W Mod & light Clear (Ther 4a 8a 2B)
Got one weeks wood from the wreck
Working on canoes

Sunday April 24th

Wind light N & Colm Fog. (Ther 2B 17a 6a)
Mr Baker Carl Anaka & family came in
Two Sleds 15 dogs. 957lbs Deer Meat 12 1/2 Deer
Could not find Tuk ka. Mr Porter gone on the
same expidition with 2 sleds 3 Natives & 21 dogs
6 inches Snow fell. Yesterday.

-1 3 2 1 0 1 2 3 4 5 6 7

## Monday April 25th 1898.

Wind Mod & fresh N to W (Ther 2B 8a 3B)
Got one week wood from the wreck. Put a canoe in the house

### Tuesday April 26th

Wind N to S W fresh & mod Clear (Ther 15 - 6 14B)
Got wood for three days from the wreck to day.
Covered canoe. Heard of a small whale being seen at the Point to day by Oreguitcha

~~Tuesday April 26th~~

### Wednesday April 27th

Wind S & N to SE light & Clear (Ther 8B 14a 12B)
Got two days wood from the wreck
E Lungeere arrived with Skins 94-lb Meat nine days coming in with two dogs

### Thursday April 28th

Wind N to W fresh Mod & light snow (Ther 10B 12a 7B) ice cut by the sudden
Mr Baker started with eighteen dogs Earl & Anaka for the Fearless for coal. Two sleds
got one large load of wood from the wreck

### Friday April 29th

Wind light & Var N to S Clear (Ther 12B 10a 12B)
Sent out men to make a road out to the water. All closed up to day. Put the second canoe out of the snow house.

### Saturday April 30th

Wind light & Var N W to S W Clear (Ther 12B 8a 16B)
Sled from the Newport stopped here. Report Mr Porter failed to find Tuktoyaktuk.
Got a load of wood to day

### Sunday ~~April~~ May 1st 1898

Wind S by light & Calm Clear (Ther 12B 14a 6B)
Mr Baker arrived a six this AM
Mr Porter arrived at one AM - 2957 lbs coal
All OK. 2ft Water in the wreck to day

Monday May 2d 1898

Wind SE to SW. light & fresh (Ther 8B 8a 8B)
Water came in & left off work on the wreck.
Capt Leavitt Lieut Jarvis Will Drynan
Waddie two natives slipped here on their
way to the Newport & took lunch
Mr Baker went to the station with a team
& returned.

Tuesday May 3d 1898

Wind variable & light & Calm Clear (Ther. 8B 4a 8B)
Got a load of wood from the eastward small
one. Getting Canoes ready to go out &
having Coats made.

Wednesday May 4th

Wind variable & light. Clear. (Ther 6B 18a 4B)
Sent sled down with Nelson for Doctoring.
Sled returned with some white fish from Beaver
Tom & Fred got 110 yesterday night.
Getting ready to send out one canoe tomorrow

Thursday May 5th

Wind Mod NE Clear (Ther 6B 12a 10B).
Mr Porter. Anaka. Anakaloona. E Ling Geo.
Ea tuck. to me. Joe Alle Bruna. Took one
canoe & geer out on the ice to commence
whaling. The women to go tomorrow.

Friday May 6th

Wind N & E Mod & few light snow (Ther 7B 10a 2a)
signals. Mr Baker two natives twelve dogs
went south after white fish. Commenced
cutting the ice around the scho to
right her up yesterday & to day
~~Mr Baker returned with~~

Saturday May 7th 1898

Wind N & E light & Clear (Ther 5B 12a 3B)
Mr Baker's Sled broke down yesterday & he arrived at the schr 3.30 AM. left the load. Sent two sleds & returned with the broken sled & White fish. Mr Porter came in with a Bear skin Onaka shot. One seal. Cutting ice around the schr. Put a purchase and tried to right her. No go.

Sunday May 8th

Wind N light Light snow squalls PM (Ther 2B 12a 4a)
Sled in from Porter reports seeing two large Bowheads, one small one. One seal shot to day Carpenter up from Cape Smythe Reports one whale taken by Clark. The first of the season. Schr righted nearly upright to day

Monday May 9th

Wind N & E strong PM blowing Ther (3B 8a 2B)
Put 2 Boat in the house to put on false keel One more whale taken to day by Thalis native crew bone. Yesterdays 4 lb bone. Porter sent in the dogs & reports plenty water. Going to make a move down towards the Narrach.
Getting ready to send Mr Baker out in canoe.

Tuesday May 10th

Wind NE Mod & fresh Clear (Ther 0 12a 8a)
Mr Baker. Dan-Manuel. Theope & Baxter and natives went off to the water with the canoe. Report plenty of water. 2 more whales reported caught at the Cape villiage. Lieut Jarvis & crowd stopped here on my down

Wednesday May 11th

Wind fresh NE Clear. (Ther 0 12. 12a)
Mr Ripley here to day. Got a canoe from Tookook. Righted the schr more to day

Thursday May 12th

Wind N E mod & fresh (Ther 6 a 14 6 a)
Toucka came in to day brought
4 Deer. Out of forty seven killed.
Fixing Canoe to send out Tucka whaling

Friday May 13th

Wind N E strong smothering (Ther 4 10 6 a)
Porter sent in for some grub. Saw
whales Tuesday. Inakashot one with
sh Bomb, failed to explode whale went
under the ice. Weds saw one, none since
Covered canoe for Tukka to day
No news from the Cape to day. (Took Sam off)

Saturday May 14th

Wind N E fresh & blowing some snow (Ther 4 10 8 a)
Mr Baker came in. Reports cutting a small
whale for Kiatuna Yesterday Reed 97 slabs. Three of Porters
crew in Inakaloona & family. Sled stopped here
on the to the Newport. Report three more whales taken
at the Cape. To date Brower's station ten.
Mr Harrington. White. Holes & natives Tukka started
for the water with canoe. Sled arrived at schr. 8.30 PM

Sunday May 15th

Wind N E Strong fresh & Mod PM (Ther 14 a)
Saw the water from mast head where
the steamers got out. No news to day
(Sam P.M. 11.30 Boatman came in with a
note from Mr Harrington saying a lead of water had

Monday May 16th

Wind N E Mod & fresh Clear (Ther 14 21 a)
Sent sleds out this morning went to the prong track
Sent one out this P.M. & Broke down the new sled)
Harry came back from the Cape. Reports Anuwe cuma
bombing two whales without any success. 20 whales
taken up to date.

Tuesday May 17th 1898

Wind Var NE to E Mod & light fog (20 29 22 a)
No news from the whalers. One sled from the Fearless here this AM early. Took snow off the house this P.M. Got two loads of blubber & tried out enough to burn for the present Everything thawed inside the house to day ~~boy~~ Kyrilok here to after Oil Gun

Wednesday May 18th

Wind N W to S W. Mod & snow (Ther 22 28 23a)
Baxter came in a little off his feed. Sent Lunberg in his place. ~~Cleared snow off the~~ Sent Harry with provisions to the crew at the Cape & for some dog feed twelve dogs. Built an ice house around the meat. Sleds returned at 12 M. With

~~Thursday~~ Thursday May 19th

Wind light vars & to E NE Clear. (Ther 24 39 24a)
Took off the house. From all around. Elungeese came in early this morning. Went back at 7 PM. Hoisted the Mainsail to dry. Natives struck a whale at the Point or shot at one

Friday May 20th

Wind N & W light & fresh Clear (Ther 22 30 20a)
One squaw came in from Porter. No news whales scarce just now & ice closing up Now water at the Point. Looks like a NW Gale - Everything dry over head to day

Saturday May 21st (24 44 28a)

Wind AM ~~strong~~ S & W. PM light & var 1 PM N & mod ~~Clear~~
No news from the floe to day. Fixing up on board odd jobs. Mainsail ready to set Baxter off duty. sick. Nelson snow blind. Very few natives come to the setr all off ~~sealing~~ whaling,

Sunday May 22d 1898.

Wind N & E fresh & Mod (Ther 34 36 26 a)
Sent sled with grub to the canoes.
Returned a 6 PM few whales seen
Open water at the Cape also at the Point.

Monday May 23d

Wind Var S E to W light & Clear (Ther 28 34 29 a)
Got a sled load of wood & sent down
some stuff to the canoes at the floe.
Rolled ~~the~~ windlass out to fix to day
found it in a very bad condition.

— Tuesday May 24th

Wind Mod & fresh N & E Clear (Ther 24 36. 32 a)
Sent Harry down to the W canoe. No news
from the ice to day & for a wonder no
natives cam to the schr. Plenty of water in
around the after part of the schr. Even keel today

Wednesday May 25th 1898

Wind N & E Mod & fresh P M Mod. (Ther 29 36 34 a)
Sled came from the Cape last night. Niza-loo-
brought me eleven slabs of bone. No news from the ice.
No ducks flying for two days. No news from
the floe up to ten P M. fixing windlass.

Thursday May 26th

Wind ~~N~~ E to S W light P M S E. (Ther 31 60 40 a)
Sent sled with grub to the canoes.
Reed ten ducks.

Friday May 27th

Wind A M light S W to N & E P M strong N E Clear (Ther 2. 31 60 31 a)
No news from the canoes at the Cape
One small whale taken at the P I the 25th.
Sent sled after wood broke down 1½ miles
from the schr. Shot 12 ducks this A M
Good many flying this A M. Stopped
when the wind changed.

~~Thursday~~ Monday June 6th 1898

Wind NE by E fresh. Fog all day (Ther 35 ~~34~~ 33a).
Dick came in from Mr Bakers camp. No
water at the Cape. No news from the Point.
Repaired Porters sled. Saw a few Old squaws—

Tuesday June 7th 1895.

Wind NE Mod & fresh Fog & Clearing. (34 36 32a)
No news from my canoes up to 9 P.M.
Few Old Squaws flying. Went to the Point
for a walk Porters & Peet killing one white fish.

Wednesday June 8th

Wind N & E light & a little fog Ther (36 54 39)
Porter sent in one squaw reported
seeing no whales at the cape. Expected
Mr Baker at the Point to day some time.
Few Ducks flying across the Lagoon
Saw whales Sunday & monday at the Pt.

Thursday 9th

Wind SW to E & E Mod & light Clear. (Ther 34 70 34a)
~~Ice~~ snow going very fast. Carl came in from
Mr Baker at the Cape. Reports all Brewers
canoes come in to day. The two boats yesterday
Send dogs to bring him in tomorrow
Went to the Point after more dogs. After seven PM.
Very few Ducks flying ~~Pool~~ Pumping Water
the last two day & to day from off the
top of the ice.

Friday June 10th

Wind N & E Mod. Rain AM. (Ther 36 38 36)
Mr B arrived at seven PM. Sent sled also to
Mr B & P. Sled came back brought 2 seals
Saw 5 or 6 large whales Mr B reports
all the Point canoes in yesterday
Whales plenty too

Saturday June 11th 1898.

Wind N & N Mod & Clear (Ther 34 52 34 a)
Sent sled out to Mr B. with ammunition
brought in two seals from Tuktoyaktuk
from Anaktuvuk - Saw seven large whales
came near striking Cno.
Finished pumping in water this PM.

Sunday June 12

Wind N & E. Mod and fresh Clear (Ther. 36 48 36 a)
No news from the floe to day.
Invite a number of natives here from Point.

Monday June 13

Wind N & E fresh. & Clear - (Ther 32 45 31 a)
Mr H & Mr Porter with their two
outfits came in this PM. saw
whales but no chance to get to them.
Ahmeena brought some bone to shift

Tuesday June 14th

Wind N & E mod & fresh Clear (Ther 32 70 36 a)
Stowing hold. Nothing to note to day

Wednesday June 15th

Wind N & E Mod & Clear (Ther 32 - 50 - 32 a)
Sent sled after canoe. Returned with
canoe 9-25 PM. Four men & 19 dogs
Recd a letter from Jarvis & McKenna
via Cape Smythe. Sent some salt & a
letter to McKenna

Thursday June 16th

Wind N & E to S & E light & Calm (Ther 34 - 66 - 86 a)
Fixing up for the summer

Friday June 17th

Wind S to SW light & Mod Clear (Ther 36 - 70 86 a)
Washing Bone. Mr Porter went gunning got
four Brant & one Goose. Lagoon showing
much water -

Saturday June 18th 1898

Wind AM. S & W. PM. W light Clear (Ther 36 64 32a)
Sent sled for Deer meat to Lieut Jarvis Reed
212 lbs. 1½ lbs per day until my meat is allout.
Got an observation to day. By old Dec
found chron fast 1m & 12s of rate.
Finished washing & bundling of caleth
Bone 647 lbs. Working on trade Bone, to day.

Sunday June 19th 1898.

Wind light W to N & E fog (Ther 36 48 40)
PM late. Point - Natives starting inland
Anaka & Elungure went shooting & egging

Monday June 20th

Wind N E. Mod & Clear (Ther 34 - 72 37 a)
Three sleds stopped here from the Newhard on way
to the station. Got letter from Mr Kenna
The two natives came back with 16
Ducks & 13 eggs. Finished with the Bone

Tuesday June 21st

Wind E Mod with some fog PM. (Ther 32. 54 36a)
Painting and repairing Boats. Sent sled
for wood. Brought a load of usless junk.

Wednesday June 22d

Wind S W light & Mod Clear (Ther 34 58 32a)
Mr Porter went gunning. Got one small
sled load of wood. Painting Boats.

Thursday June 23d

Wind S W & W Mod & light (Ther 32 58 36a)
With a little rain Porter got 6 ducks yest.
Mr Baker & Mr Wilson three men went
up to the wreck 12 miles E of here to
get wood off her. Harry & one man
went to bring the sled back with wood
Heard yesterday of the Belvedere getting
a large whale. Sleds turned to Newhard's

Friday June 24th 1897.

Wind Var WSW to N Mod & light (Ther 29 50 34 a)
Mr Porter went egging & guinning 6 dogs
one Native Eskimaux. Fog most all day
clearing up about eight PM. Ice raised
some yesterday.

Saturday June 25th

Wind Var N & E to S & W light Clear. (34 78 36)
Sled from Wreck came in 9.40 last eve
Porter got back 9.20 13 eggs. & 9 Ducks
All the dogs lame from cutting feet
on the ice. Painting

Sunday June 26th

Wind W by light & Mod Clear (Ther 36 59 36 a)
Nothing to note this day

Monday June 27th

Wind N & E light & Mod Clear & Fog (Ther 36 53 36 a)
Mr Baker & Wilson came in. Got 5
boat loads of wood from the wreck
Harry left with two teams & one
man for the wood. Baker came in.

Tuesday June 28th

Wind S & W to N & E Mod & calm (Ther 36 74 36 a)
Mr Porter went to the station Got 321 lbs meat
Painting ship.

Wednesday June 29th

Wind N & E. Mod fog all day (Ther 34 20 36 a)
Sleds arrived with one fair load wood
left one dog behind. Painting my room
Put tent up on beach & will occupy it
until the spell is over.

Thursday June 30th

Wind N & E. Clear Painted away (Ther 34 58 40 a)
Harry went out and brought back two dogs
one left from teams yesterday

Friday July 1st 1898

Wind S & W Mod & Clear (Ther 36 64 36a)
Nothing to note.

Saturday July 2d

Wind S W. blowing Some rain (Ther 36 58 33a)
Six P M ice crowded in and shoved Schr up about half her length. Carrying away the Rudder & Stern Post. Starling the wood ends also. Lieut Jarvis come up about ten P M stayed over night. Wind still blowing. Got all Bone & Provisions on shore.

Sunday July 3d

Wind W SW to SW. fresh & Mod
Unbent sails got cordage & everything of any account on shore. Examined the port side of the Stern this P.M & found it same as described yesterday. Concluded to hold a survey Tuesday. The Crew all sleeping on shore in tents. Schr laying over considerable Mr Jarvis went back this P M. Clear & Snowing.

Monday July 4th 1898

Wind W.SW. fresh & Mod. Snow & some fog. Ther middle part 38 @. Two men went to the Cape to join the sports. Cut down on the Stb counter found all the quick work & stern post gone. One plank jammed in bad. Wood ends started a very little the stern post is away about 1½ inches. Rudder all in splinters Schr listed over a little more this A.M. early. The natives Anaka went off sealing Got five & brought them all in.

Tuesday July 5th 1898

Wind W S W to S W Mod & Clear Ther 94 - a
Mr Brewer & Pearson came up also the
Doctor who took pictures of the Schr.
No change in the schrs position

Wednesday July 6th

Wind N W S fresh P M N W. ~~Rain a man~~
Capt Sherman - Capt Porter & Carpenter -
Capt of the Stm Orca & Willie Bingham came down
examine the schr. Verdict couldnt be
fixed. Water ebbing & flowing with the
tide. All went back to the Cape this P M.
Made up my mind to sell all p can for
bone. & Sell the remainder at Auction.

Thursday July 7th

Wind Var & light to Mod S, E. S W (Ther Night 84 a)
Getting casks out of the hold &
otherwise manning the schr
Getting things safe on the beach

Friday July 8th

Wind S & W mod & Clear.
Men refused to work on the schr.
Porter went after new meat
returned with 321 lbs.

Saturday July 9th

Wind S & W. Mod & light. Clear
Men again refused to work on
the schr. Finished dismantling
the schr.

Sunday July 10th

Wind S to W strong some rain (Ther 32 Night a)
Mr Baker & Porter went to the Cape
Returned 12 M. The Lagoon ice rose from
the bottom & moved off two hundred yards.

Monday July 11th 1898

Wind Westerly moderate. Some fog (Ther N 32 a)
Sent twelve forward hands down to the station
they refusing to work to help get the stuff on
the beach. Sent them in a canoe gave
them cooking utensils & sail for tent.

Tuesday July 12th

Wind SSE to S Mod & light (Ther 39 a)
No change to day. Mr P. & Mr Harrington
went gunning shot one duck & got
some fresh fish from the natives.
Missed all the Rikiy Ponds.

Wednesday July 13th

Wind light & variable S to E (Ther 40 a)
Porter went gunning this eve. Breaking
up the Schr No Change in ice near -

Thursday July 14th (Ther 73)

Wind NE light & Clear
Mr Porter got thirty ducks.

Friday July 15th

Wind NE fresh & Clear
Mr H & Harez went duckin in
the dingy to the station

Saturday July 16

Wind. NW & E fresh some fog (Ther 40)
Yesterday Porter & Mr Baker went to the
station & returned. No more natives
come to buy any part of the ship. Think
will have to sell or give her up -

Sunday July 17

Wind NE fresh & Clear. Ice commenced
to move S between the ridge & the beach
Let the starboard boat go to a native to day
Mr H returned with one hundred one ducks
Clungeure got 47 yesterday -

Plenty of ducks

Monday July 18th 1898

Wind N E Mod & Clear (Ther 40 shade)
Sold some more of the wreck to day
Went down to Browers & got ten lbs powder
Ice only moved a little, to no movement

Tuesday July 19th 1898.

Wind N E Mod & Clear (Ther 40 shade)
Ice moved a little inside ridge.
Got the old schr stripped down to the deck
No news or change in the situation.

Wednesday July 20th

Wind N E fresh & Clear. Ice moved a little to day
all filled up below. Mr Baker went to the station
Bundled some trade bone. to day.

Thursday July 21st

Wind N E mod & little fresh (Bar 38 shade
Fog part of the day. No change to amt to
anything in the ice. Mr Thomas & boats
crew came down in a whale boat for a
Deadmens Island after. (Grub) meal.
Report Newport & Fearless six miles S of Capes Island

Friday July 22d

Wind N E Strongly to N by W Mod & Clear
Mr Jarvis came up also John. Mr Thomas
& boats crew. All left to day again
Sent some provisions to the ships East

Saturday July 23d

Wind N fresh & Mod some fog
Sent down to the station for meat
got one deer 98 lbs.

~~Sunday July 24th~~

Mate went to the station & tried to
get permission of Lieut Jarvis to stop
but didnt succeed as I made nothing
to him. Mr Porter went for the same busines
with the same result.

Sunday July 24th 1898

Wind N E fresh & foggy (Ther shade 34)
last night the schooner commenced to leak
and list over. Nine P M to day six feet of
water in the forward part. With the stern
high & dry on top the ice. Look as if she
is going to fill & turn over. Both anchors
are planted on shore with 40 odd fathoms
chain out on each. No perceptible change
in the ice far as I can see.

Monday July 25th 1898

Wind light & Mod with some fog (Ther 40 S)
N to N N W. Schooner deck under water
forward & full of water. Chaka brought 100
ducks this P M. Sent the dinger for him.
Heard five ships were close to Pt Belcher

Tuesday July 26th

Wind var & light snowy from N W to N E (Ther 33 a)
The Fearless worked down far as Dead
Mans Island. Schooner now resting on
bottom forward. Stern still on top the ice.
No news from the cape. Rumor of five
ships seen at Sesaro. 9 P M now

Wednesday July 27th

Wind N E fresh & Mod - clear most time (Ther 34 S)
Schr now on bottom the whole length. The
keel came up this morning lying just as
she was heading before the crush. Fearless now
at Anchor near the lagoon opening. Mr Burke
came down here this P M in a boat.
and returned. Reports Newport near coopers
Island frozen where the other two
ships wintered. No ships reported south
The rumor of yesterday was false

# Bear Arrives

## Thursday July 28th 1898

Wind NE fresh fog & rain. The Bear arrived at Cape Smyth this AM & anchored outside the ridge. War with Spain is on. Capt McKenan was down here for awhile. Porter brought the news from the Cape. Sent Anaka with the news to the Fearless —

Friday July 29th

Wind NE fresh & Mod with fog clearing after seven P.M. Newport came inside Lagoon and anchored this eve Recd one letter from home the rest of the mail on the Thrasher. Nothing new about the ice.

Saturday July 30th

Wind light AM N & E some rain & fog changed to S & W six PM. Capt Sherman McKenna & Leavitt were down here also John from Charlies after my supplies soiet to be on the thrasher. Sent Anig down for meat to the Station 10 PM Not returned Recd a letter from Lieut Jarvis

Sunday July 31st

Wind Calm AM. PM strong E by with some rain. Newport trying to haul off with the aid of the Fearlers. She was on the beach inside the Lagoon fixing the bow Jenette arrived the 27th at Cape Smyth Se going from off the beach to night

Monday August 1st 1898.

Wind far PM strong S & W rainy
Sent Seven of the crowd down to day
All got on board the Bear. Agreed to go
as 1st mate on the Stmr Fearless
500 lbs bone as bonus for services. 1/20th lay
& at Eastern prices (or net settlement)
To stay on the beach for to sell my stuff
(No interest in the trade) Privelege of
taking down what stuff I want & also
to trade the same of going home)

Tuesday August 2d

Wind S W Strong raining & fog Very low Bar 29.20

Wednesday August 3d

Wind S W AM Mod. PM Calm Bar 29.20
Went to the Cape on the Fearless Went on
board of the Bear who has got caught between
the Ground ice & the Pack. Had a severe
shaking up while on board the engine
room flooring curled up some considerable
cracking Rudder Jammed hard to Port
No damage to be seen. PM Left Bear
lying quite easy with considerable
pressure on. The Jenette in the same
box close by the Bear but a little out of
the worst pressure. Both all right so far

Thursday August 4th

Light N & E Wind PM & breezing up to a
strong breeze N E with rain. Bear & Jenette
all right so far. All depends on this
wind now (I think) Came back to my
camp this PM 9-30 PM. So ends this day.

Friday August 5th 1898

Wind N W snowy Mod & a little fresh Bar 29.40
No news from the cape to day.
Wind bad for the Bear blowing right on

Saturday August 6th

Wind S W light & Clear. Went up to the Fearless
Vessels in the position

Sunday Augst 7th

All Calm. P M breezed up fresh S.S W some
rain. Returned to the camp 2-30 P M
Sent up some fuse by a native to the
Bear via Fearless (Eshawara) Sold remnants
of the Rosario Personal and other property
excepted, to James McKenna No chance of getting Sarita

Monday August 8th 1898

A M light W P M calm, breezing a little N & E
with fog. Mr King came down from
the Fearless Reports the Bears folks using
over one hundred lbs without any results
Gave it up. Natives report the karikk
at Pt Belcher. Sent up some stuff to the
Fearless to day by Mr King.

Tuesday August 9th

A M wind E. P M ene S. raining. Little fog
Anakka & Elungure shot 25 quacks at
the station. No change at the Cape
The ships remaining as before
Sold Foresail to day

Wednesday August 10th 1898

Wind S W. Mod with rain & fog all day
Haven't seen the ships to day.
Looks like a clear up now
2 P M. Burn a kerosine lamp all
day to keep comfortable

Thursday August 11th 1898

Wind E AM & Clear PM E squally with rain after nine. Anaka & crowd left for St Hope in a canoe. Saw the five stars in same position at the Cape. Strong breeze E at 7 PM Ice not moved yet. Keep on by morning think it will make a clear road inside south.

Friday August 12th

Wind S & W light & Calm some fog Fearless came here this AM & took all his stuff on board. Reports no change in the ice around the two stars.
Put some my gear on board Fearless Namely 4 Pr Guns. 8 do Irons. 8 sks of Flour 132 lb box chewing tobacco. (One 1175 lb Anchor)

Saturday August 13th

Wind AM Calm PM. NE to SE & E & fog
Put some my things on board Fearless Chronometer. Barometer. Spirit Compass. Red table do 3 boxes Bombs. Rubber boots. long oil coat.

Sunday Aug 14th

375

$$\begin{array}{r} 147 \\ 30 \\ \hline 4410 \\ 6 \\ \hline 12\overline{)26470} \quad 2205 \\ 24 \\ \hline 24 \\ 24 \\ \hline 60 \\ 60 \\ \hline 51 \end{array}$$

r99

Expense account with M Butler Estate

| | | | | | |
|---|---|---|---|---|---|
| Feb 10 | 89 | Sent check | | 100 | |

Address Mabry M. Barrett
Bridgeboro Burlington
Newark N. J.

Account with Corey Milliken & Co
Statement

Dr Bot

| | | | | |
|---|---|---|---|---|
| ~~Feb~~ 21, 89 | | | | |
| Bot 30 | Burlington @ | 147 | $ 200 00 | |
| Feb 18 | Bot Centennial @ | 50 3/4 - 208 | 200 00 | |
| Feb 18 | 10 shares O Colony @ | 19 1/4 | 100 00 | |
| " 6 | Sold 200, 00 for Wby O Colony @ | 17 | 200 00 | |
| ~~Feb 13~~ | ~~Bot 20 Centennial @ 32~~ | | | |
| ~~" "~~ | ~~Sold 20 " Quincy Coal 47~~ | | | |
| Feb 13 | 20 Centennial @ 5 | | 200 | |
| Feb 21 | 20 Centennial @ 46 @ 20 hb | | 900 | |
| | Cash W Balance | | 425 | |
| | | | 475 | |
| | Interest 0/0 6 | | 2 38 | |
| | | | 477 38 | |
| | | | 900 | |
| | | | 940 | |
| | | | 40 | |
| | Interest & Commission | | 2 38 | |
| | | | 2 | |

Statements

700
629 84
70.16

Sold

Cr

| | | |
|---|---|---|
| Sold 30 Burlingtons @ 142 Lost 150 | 50 | 50 |
| Sold 20 Shares Centennial @ 55 | 85 | 285-00 |
| Mch 11 Balance with Cary M & Co | 629 84 | Lost 70 14 |
| Old Colony | 100 | |
| To Balance Cash | 529 84 | |
| " | | |
| Mch 13 20 Centennial @ 47 - 5 points loss | 100. — 5 | |
| | 95 | 95-00 |
| Cancelled 200 O Colony | | 100- |
| | | 200- |
| Left of L B & Q | | 50 |
| Sold Cent - 4 1/4 points | 85. | 50 |
| Old Colony to — Comm | 3 / 80. Total | 525 00 |
| " ~~29 20 Shares Cent @ 47~~ | ~~900 10~~ | |
| ~~Commission — 4~~ | ~~2 30~~ | |
| | ~~898 08~~ | |
| Mch | | |
| " 29 20 Shares Cent @ 47 | ~~9040~~ | |
| " " ~~Interest~~ 6 % | 2 30 | |
| | ~~903~~ 7 62 | |
| " " Commission .25 per share | 5 | |
| | ~~903~~ 2.62 | |
| ~~To Bal Mch 29th~~ | | |
| Brought down | $425 | |
| Profit from Cent Mch 29 | 32 62 | |
| Mch 29 To Balance to O Colony | 1 | |
| | 528 62 | 17 [illegible] |

Log of Hook

Nearest Estimation from Sandy Hook Light

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Course S.E. | Dist | 2.E | | | | |
| | Course S | 8 mi Dist | 4 N | | | | |
| | | 9 " | 0 E | | | | |
| | Course S.E by E | 27 Dist | 3.E | | | | |
| | " | 32 " | 6 E | | | | |
| | " | 14 " | 7 N | | | | |
| | " 56 N | 60 " | 4 N | | | | |
| | " S by E | 27 | 4 N | | | | |

Mean 9-00-00 P.M. 7 [illegible] Dated

Long 76.10.N

add in West & Subtract in East

Diff of Lat 125.9. Departure 36.0 E

Course S. 16 E. Dist 131 miles

Lat 38.20 N. Long 75.15 W

Lat Sandy Hook Light 40.26 N

Long 74.01 W

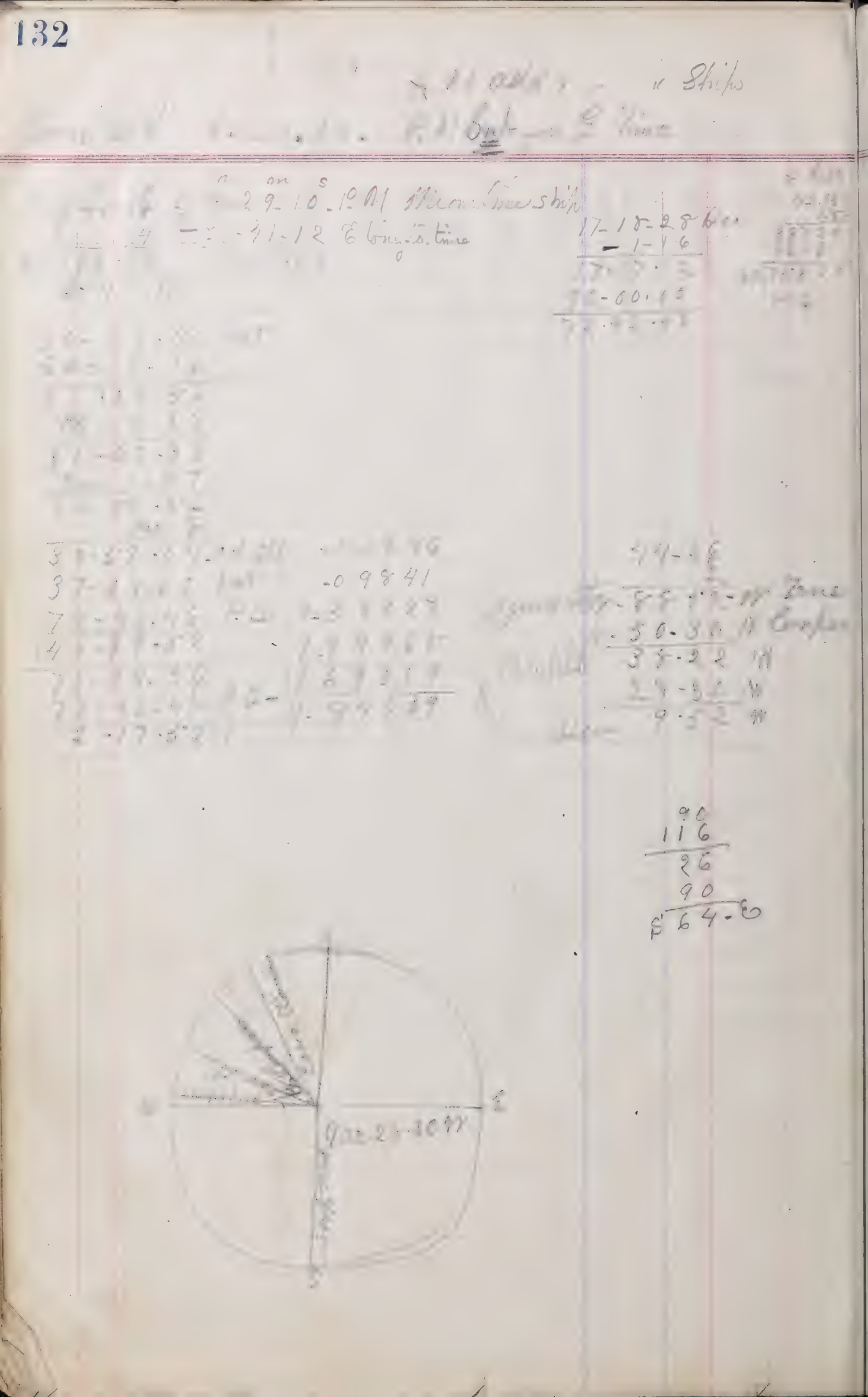
Sandy Hook Shift 40°-25' N
Long 73-51 W

Report Taken from the Hook Shift -

| | | | | |
|---|---|---|---|---|
| Ships Head | S E Lev | 2 - E | | S - 38 E |
| Light-Ship Bearing | N E 12 miles | | | N - 48 E |
| Course | S - E " | 4 N | | S N - 8° |
| Var allowance | - Var | (5° - E) | | |
| Course S E by E - 27 | miles | 3 E | | S E by E - 27 |
| " E 32 | " | 6 E | | S N - S - 22 |
| " N 17 | " | 7 N | | N 88° - 17 |
| " S by W 60 | " | 4 W | | S - 8 - 11 |
| " S by E 27 | " | 7 W | | S 12 - 8 - 27 |

| N | S | E | W | N | S | E | W |
|---|---|---|---|---|---|---|---|
| | 08-0 | 00-1 | | | | | |
| 07-7 | | 06-4 | | 06-4 | | 07-2 | |
| | 18-1 | 20-1 | | | 08-0 | | 0-1 |
| 01-0 | 06-1 | 31-4 | 14-0 | | 18-1 | 20-1 | |
| | 58-7 | | 12.5 | | 06-1 | 31-4 | |
| | 85-6 | 26-0 | 26-5 | 06-4 | | | 14-0 |
| | | 83-9 | | 07-7 | 32-7 | | 12-5 |
| | | | | | 26-4 | 05-6 | 26-6 |
| | | | | | 117-3 | 84-9 | 64-3 |
| | | | | | 6-9 | | 57-7 |
| | | | | | 124-2 | | |

| | | | |
|---|---|---|---|
| | 8-21 | 18-0 | |
| | 12 | | |
| 0 of 9 | 8-21 | 0 of 5 | |
| | 8-40 | 8-40 | 35-45 |
| | 17-41 | | 7 |
| | | | 193-00 |
| | | 172 | 6-23 |
| | | | 5-30 |
| | | | 8-47 |



Azimuth observed from N. to S.
Amplitude " " S. to N.

Amplitude

18-90 Bow L. at 8h. 9m. PM apparent time 5 h.
Lat 39° 45. N. long 12 14 W.
Sun's Dec. at noon 11-4 S. 5 p.m.
Required True Bearing — Error of Compass
Var. by Azimuth being 21 30 W.
Find Dev. — True Course. Ship head by Compass being S. 18 E.
long 12-14-12 W  5h 09m 10s P.M.  S-14-49-52 Dec
+ 14-56
54 56-12  5h 23m 6s  1-4-8
13-46-52

Lat 39-45-00 N  11 412 Sec
17-14-32 S  9-91663 Sec  Hour Ang 12-14
9-37471 Sec

W-18-35-5 Zenith
N 17-41-5  Compass bearing S 18 E
S 8  E  Error
S 21-30  W
S 21-30  E  Var

Compass S 18 E  22-41-5 True Course S 41 E
1
S 41 E

Lat – 26°-30' N Horsenoon. Cel Alt 24-28. Dec 23°-40'.

| | | |
|---|---|---|
| Lat – | 24-28 Sec | 0-0.4086 |
| | 26-30 Sec | 0-0.4821 |
| | 67-20 | 9-7094 |

4

Alt 30-23 [illegible] Lat [illegible] Dec [illegible]

| | | | |
|---|---|---|---|
| Alt | 30-23 | [illegible] | [illegible] |
| Lat | 15-55 | Sec | [illegible] |
| P Dist | [illegible] | | |
| Sum | [illegible] | | |
| ½ Sum | 56-[illegible] | Cosine | [illegible] |
| | 17-12 | | |
| | 16-38 | Cosine | [illegible] |

[illegible] 73-29 [illegible]

If the True Amplitude falls [illegible] of Magnetic Amplitude bearing the Var. is East.
If [illegible] falls West of Magnetic [illegible] the Var. is West.

Lat 51°32' N. Alt 39-28 [illegible] 16-[illegible]

S 73-22 E

| | | | |
|---|---|---|---|
| Alt | 39°-28' | | [illegible] |
| Lat N | 51-32 | Sec | [illegible] |
| P Dist | 73-22 | Sec | [illegible] |
| | 16[illegible]-2[illegible] | | [illegible] |
| | [illegible] | Co | [illegible] |
| | 73-22 | | [illegible] |
| | 8-49 | Co | |

[illegible]

Amplitudes [illegible]

121½
2

121-56
2

(40-11 ... [illegible])

31 56
2
63-52

[illegible]

0-06686

2-42-6
2-17-37 Cosine

Sum log cosine

Compute

1890 Nov 24

True Amp 19.33 from Table

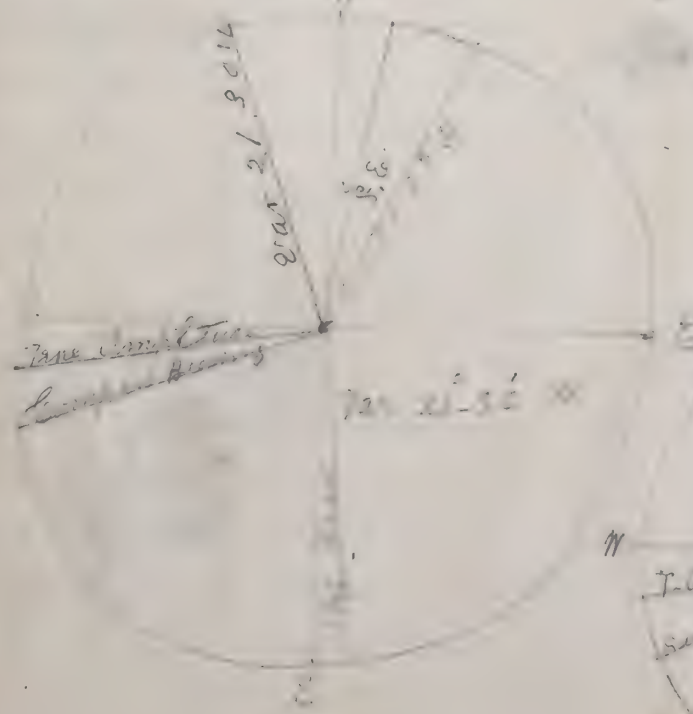
True Amp & Sun's Bearing are both North or S. Subtract - Less from Greater - One N. the other S add for correction

Deviation

S 1/4 E is 2° - 48' - 45"

Error 8 E

True Amp from E. Sun's Bearing N 8°
or vice versa Add. - latter sum from 180°.



Name the Correct E. when Zone Time is right of Sun bearing by Compass of Ship West when on the left Hand

The correct compass is Dev + Var Combined.

To find the direction under the correction of the Compass.
Place the Var for that locality from the Chart. If one is E - + one W add
The sum is the Dev.
If the same Names both E or W Subtract.

To know if the dev is E or W draw Compass and lay off the Var to left of North is West - To the right of N. if Easterly. Lay off the correction in same manner

Then if the correction is right hand of the Variation. the Deviation is Easterly if on the left hand the dev is Westerly dev.

3d Ump Given Date
In adding most long the time may exceed 24 hours - When it is so take 24 hours from it and call it the day before in adding most long the time may exceed 24 hours. When so take 24 from it, and call it one day more

1892. Jan 20th a m at ship in

N Lat. The Obs alt of the Sun was 14°-20'-00"
Time by Chron 10h 32m 18s since it was found
fast - 1m 32s-4t and on July 25th 1891 found 23s-4t fast
and continued this rate up to date.
In the interval ship sailed 22 miles N
Meridian Alt of the sun was 48°-10' 00" Bar 5"
Eye 15 feet.

Required Lat & Long at noon
also at sight.
First interval 49 days - Second int 174 days
Rate 1s-4t - Acc rate 4m 10s-6t

Mean Time Green 19 day - 22h 36m-05s
E of time 11m-8s Long 41°-07h W Noon

10'-51" E of time N. diff 1.69
Dec 20. 23. 14. H " 21"-35

Semi

1st Arr ~~Green Date~~ Appt Astr ~~Time~~
To the mean time Ship add Long West if
East subtract - In the same manner
shown working Arrp. For finding the
mean time Green. Be sure and always add it

1st Arrp - Green Date

To the Appt Astron time at ship Apply the
Long in time add West - Sub E Long
for the Appt Ast time at Greenwich

2nd P.M. is Astronomical time - A.M. Civil time
and requires 12 hours added to make it
Astronomical time of the day before
Therefore add 12 hours when time is A.M. and
date it a day back. Then Apply long
when W add - when E Subtract.

1894 March 20th A.M. at Sea

Alt sun ⊙ 18°-11'-15" Chron 8h-4m-38s
fast on Feb 15th 1894 - 1m-22s
mean time Chron. losing 4/10 secs.
Ship Run E.S.E 32 miles by Compass
Var & Mast Dev 4°E. Alt sun 59°-55'-28" B.S
Index error 1' - Eye 18 feet Required Lat
Long at noon. Also course and dist
to Europa Point in Lat 36-07 N & Long 5°-21' W

Chron 8-14-38
1-22
8-13-16
13
8-03-21
19-39-14
24-07

33 aug 4 add
4
132
13-0
10
6-01-45 sum
6-4
4-57-45 noon

Dec 26°-35' ed line
19-49 7-50
06-50 7-35
90-00-00
96-56-50
59.26
+ diff Lines
27.34
552
67.33.1 sec
19-49

Alt 53-55-25
SD
16-06
54-11-34
Refract 1
54-10-34
Sd 41
54-09-53
Eye 4-14
54-05-49
Par 5
54-05-54 Clat
90-00-00
35-54-06 N.P.D.
Dec 6-50
Lat Mer 35-47-16
7-12
Lat sight 35-54-28

N Merid 18-11-03
SD 16 6
17-27-15
2-37
18-24-18
Eye 4-4
17-20-06
Par 8
18-20-16
1-0-1
18-19-16
Sum 14-20-22
N Sum 72-10-11
1.8 19-16
Rem 53-50-55

Table 11 Lat 51.5 is 64 mins
1-04

Sec -0 9 1 4 9
Cos 9 4 8 6 0 7
Sine 9 9 0 7 1 3
19 4 8 4 6 9
9 7 4 2 3 5

ESE 67°-30'
14
81 30

Var 15 W — 51.5 Lat - 7-31-39
Dev 4 E — 7-2 Lat - + 7 35
7-39-14

35-47-16
35-54-16
71-41-32
35-50-42

Ex Mid-Course - N - 44 W

March 20th

| | h | m | s |
|---|---|---|---|
| Chron | 5 | 44 | 30 |
| | 7 | 1 | 22 |
| | 4 | 0 | 0 |
| | 12 | + | 13 |
| | 20 | 03 | 21 |
| Mean time sun | 19 | 39 | 14 |
| | | 24 | 07 |
| | | 62° | 01' 45" W |

| | ° | ' | " |
|---|---|---|---|
| Dec N | 53 | 55 | 28 |
| | 52 | 16 | 6 |
| | 54 | 11 | 3 |
| | | 1 | |
| | 3 | 11 | 34 |
| Corr | | 4 | 1 |
| | 3 | 4 | 9 |
| Eq c | | 4 | 04 |
| | 4 | 4 | 41 |
| Par | | | 5 |
| | 34 | 03 | 34 |
| | 90 | 00 | 00 |
| | 33 | 54 | 06 N |
| Decl S | | 6 | 50 S |
| Noon | 35 | 47 | 16 h |
| Lats | | 7 | 12 |
| Sight | 35 | 14 | 28 |

| | ° | ' | " |
|---|---|---|---|
| Ime sight | 58 | 11 | 06 |
| | 52 | 16 | 16 |
| | 15 | 27 | 06 |
| Corr | | 2 | 17 |
| | 15 | 24 | 12 |
| Corr | | 4 | 4 |
| | 15 | 20 | 08 |

Prem — 1 5 — Par +

ct Alt 15 19 13

Lat 35 54 28 Secant .09149

PD 90 00 00 Sec

144 20 22

H sum 72 10 11 Log Cosine 9.48607

18 19 16

Remainder 53 50 55 Sine 9.90713

19 48 46

9.74231

Apparent time 7 31 39

+ 7 22

7 39 14

Amp. — Issues Date:

4th

In Subtracting E the long (in time) may exceed the time of ship. then borrow 24h to the time of ship. and Sub as before. but call the day one less. as you have borrowed a day by adding 24h to ship's time. this can only happen when PM at Ship.

Amas the Amp. Place the sun's bearing by compass. and take Notice how you put it down, because it is given in Points and you must turn it to Degrees counting from E or W. towards the North or S If in the example the bearing was W x S Turn 1 point to degrees will be W 71-15 S or S suppose the bearing was S S E in this case it would be 6 points from the East. to degrees is E 67-30 S
After getting the bearing by Compass into proper form. Proceed to find the Correction of the Compass in the following manner

71°-25'
4
6)284-40
2-21-40

Est. Clock 28th 6h 36m P.M. App time Ship

Var chart 22.00 W

Lat 48°-40'-S. Long 6°-30'-E. Sun bearing at setting 5 W

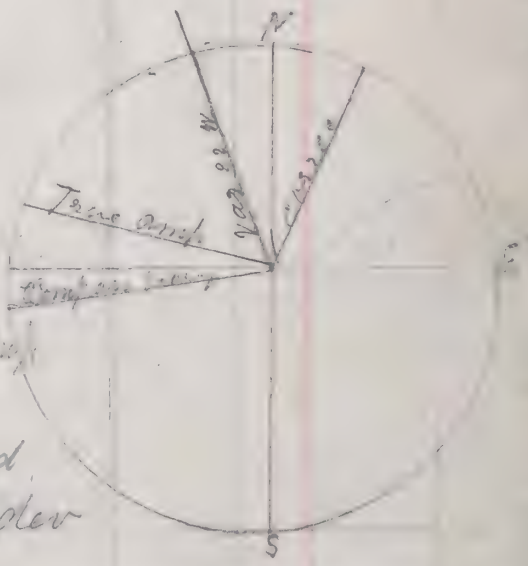
Required Zone Amp. Correction - Dev of Compass

App time 6-36-00 | Dec 14°-11-56-N
Long 6-30-00 | + 5 6
Zone time 6-30-00 | 14-17-02 cor Dec

47-11
6.5
235-55
28266
630/6215
6-06

Lat 48°-40-00 Sec .14067
Dec 14-17-00 Sine 9-39220
9-53284

Zone Amp W-19°-57'-N
Compass bears W 2-49 S-Setting
Corr Compass 22-46-E
22-00-W
44-46 E for ship's Head W




Dev —

Long 9h 12m 00 A.M. App time Ship

Lat 62-10-S Long 138°-00'-00 W

Sun at rising bearing S 1/2 W. Required Zone Amp. The Correction and dev of Compass. Var 45°-00 W

App time ship. 9h 12m 00 | Dec 23°-00'-52"-S

A.M. ship 12
21-12-00
Long 138-00 W 9-12
Not time 5 0-24-00
Zone 3 4
Greenwich time 6-24-00

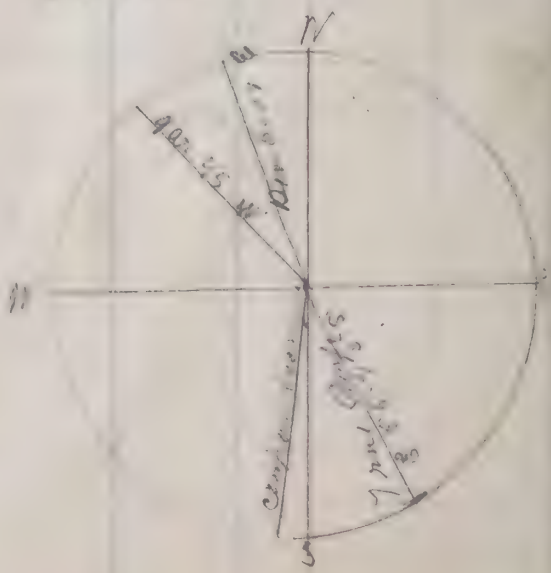
1-21
22-59-41

Hdifs 12-64
6.4
5056
7584
50.896
121

95-00-00
5 37-30
59-22-30

Ins. 1st
Lat 62°-10'-Sec -33078
Dec 22-59-Sine 9-59158
Zone Amp E. 56°-45'-S 9-92236
N 84-225
141-07
120-00

Compass -58-13-N Corr Compass
43-46 W
6-07-E



1/4 Point of Compass 2°-48-45"
1/2 " " " " 5°-37-30
3/4 " " " " 8-26-15
1 " " " " 11-16

Var chart 8° W - N

3rd Mar 31st 7h 10m Appt time - Lat 40°-26 N Long 68°-15 W

Sun Bearing 11 3/4 N - Reg. True Azim. correct for Sun's Compass

Appt time strike 7h-10m

Long - 68-15 W - time 4-33

Greenwich time Mar 31st 11-43

Dec 21-56-35 N
4-9
22-00.47

Lat 40°-26 N sec .11852

Corr Dec 22-00 sine 9-57388
9.69241

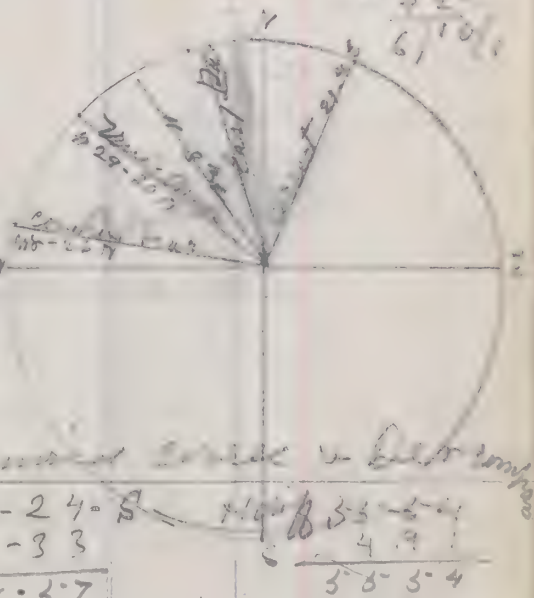
Zenith amp W 29°-30' N

Compass B N 8°-26 N

Error of compass 21-74 E

Var on chart 8-10 W

Deviation 29°-04 E



E-6th 1878 Oct 15 - 6h 39m P.M.

Appt time - Lat 48°-04 N Long 173°-30 E

Sun bearing setting was W 1/4 N Required Error of Compass

Appt time 6h-39m

Long time 11-34 E
4-55

Dec 8-34-24-5
4-33
8-38-57

Lat 48-04.00 N sec 175-05

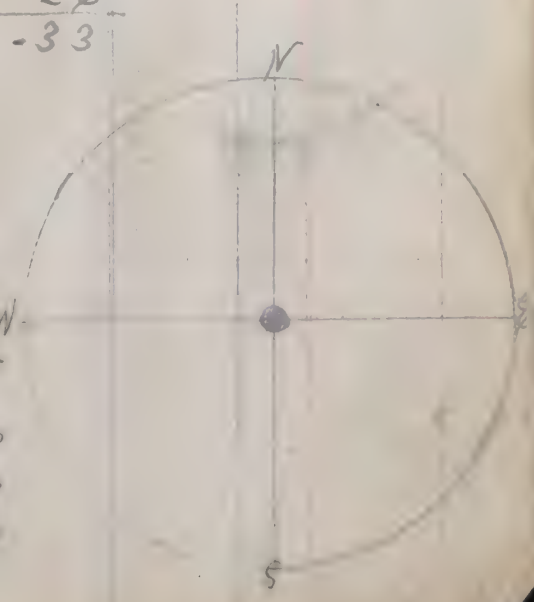
Corrd Dec 8-38-57.5
6-39
24
30-39
11-55
18-44 Oct 14

9.17724
9-35229

8-12-07 Dec
17-26
8-30-33

48-04-00
8-30-33

175-05
9-17055
9-34560



60°-15'
4
E 1,245.75
4-03

56.15
30
44-30

13h 48m (.71 N ∠ E
6 | 42
6 | 10
½ E

22°-30'
5-87-30
28-07 30

Eclipse - from 2d to 9.40 P M Apt time Ship

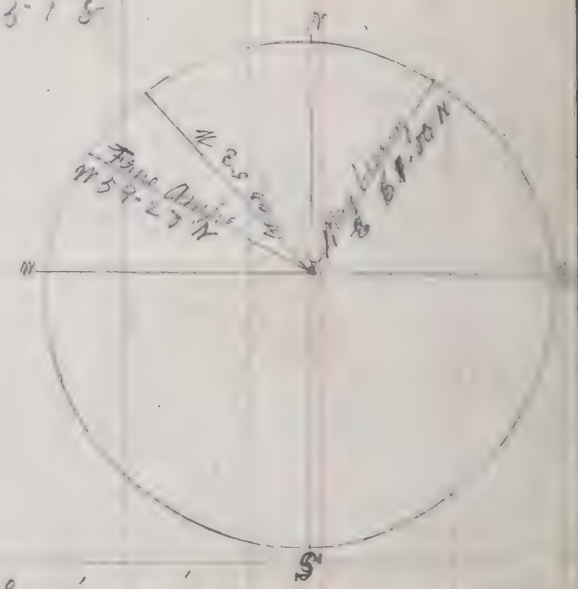
Lat 63-29 N - Long 60-45 W. Sun bearing Setting N 1 E 1/2 E
Required Corr - to Dev of Compass Var Chart 33-00 W.

Apt time sight 9h-40 P.M. Dec 23-27.24 N - Hdip 0.09
Long in time 60-45 W 4 03
Gm time from 2d 13 48

13.7
63
27
9
13.3

Lat 63-29.N Secant 0.33535
Dec 23-27.24 Sines 9.59963
9.93518

W 59-23 N
E 61-00 N
120 24 W
60 12
W 59-32 N
53 00 W
6-49 E




April 28

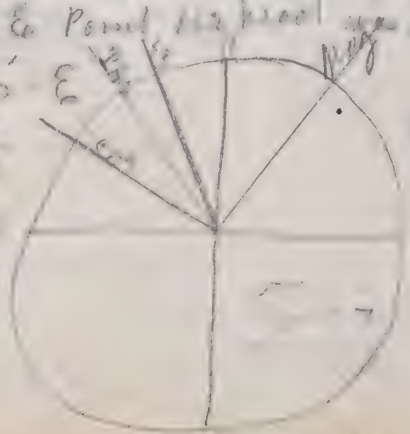
Apt time 6h-36m 14-11-56' N
Long in time 26 6.6
Gm time 6-30 14-17-22.

N dip
47-11
1.66
23 53 33
23 53 33
23 53.33 N
5-06

Lat 43-40 S-Sec -.14064
Corr. Dec 14-17-02 sine 9.39220
9.53284

True amp W 19-56 N
W - 2-49 S
22-43 E
22 W
44-43 E Point the pivot upon

Mag 6.30 E
4
26-00



Sun bearing E 3.45

Sept 15th 6h 20m A.M. App time ship. Lat 46° 05' N. Long 57° 46' E

Required T amplitude. Corr. & Dev of Compass

App time at ship 6h 20m

AM at ship 12

Long in time 2.31

Green time 15.49

6° 46' 32"

14 42

6 31 50

7-08-46

H App 15.71

15.71

45 5

2785

5571

14.42

Lat 46.05

Dec 6.32

E 9° 29' N

E 8 26 S

17 55 N

4 4 N

13 55 N

68-15

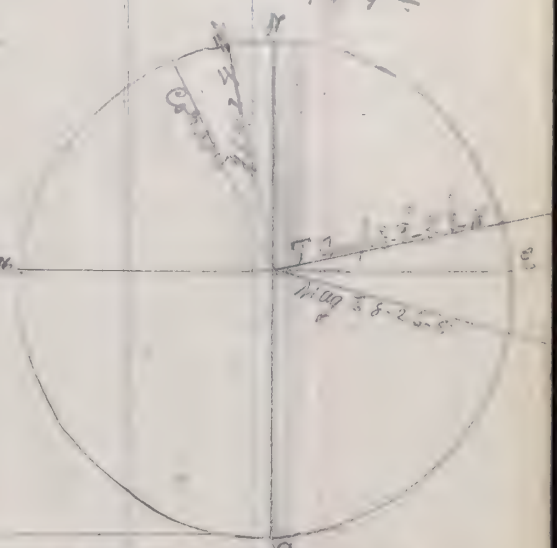
4

273-00

4.33

0

-13




May 31st

App time ship 7h 10m P.M. Long 68° 15' W. Sun B W 3/4 N

Long in time 4.33

11.43

Dec. 21° 56' 38" N.

+ 4.9

22-00.44

H App 21.25

11.71

21.25

1487 5

212

21.25

4.33

W 29° 38' N

W 8 26 N

21-12 E

8 W

29-13 E

Lat 46° 46' N -.12069

22° 00' N sine 9.57838

9.69927

Mag E 28° 12' N

T Amp E 14.42 N

11.52 E

T Amp E 10 N

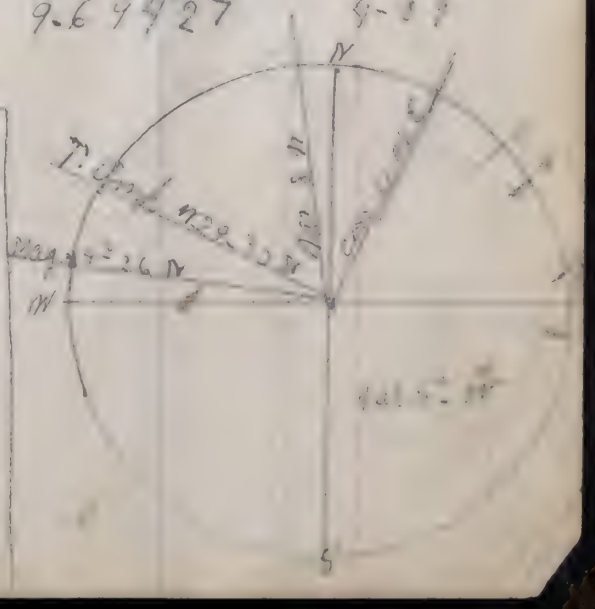
Mag E 20.5

30 N

T Amp N 80 E

N Mag N 60 E

20 E



Regulator Correction and Box of Compass

Sun rising B E

Lat 48-57 N. Long 17-15 E.

App time ship 5-43 A.M.
A M - Stat 13
17 43
1-09
Sun's Dec Sept 22d 16-17

Lat 5-48

Ans 11-W

N-1-16-09
1-24
5-1

Tan Amp

Tan Amp

E

Oct 16th 6h 39m P.M. Lat 58-04 N. Long 173-30 E

Sun Setting - Rising N 84 A. Pig Iron - Nov - Jan. 10 E

Bar Arch Lake

App Time ship 6h 39 P.M. Oct 14th 8-12-67-5
+ 17-46
Sun Dec 8-29-83

Reversed 24
3 39
Long in time 11-34
Green time 19°-03

173°-30' E
4
6|69|4-00
11-34

Lat 58 04 second .27660
Dec 8° 30 - sine 9-16970
9-44636

True Amp N-16°-14 S
N 2-49-N
19-03 W
10- E
29-03 W

N

N 2-49 N

N 16-14 W

N 29-03 W

W

E

True Amp N. 6-49

S

1/4 Point 2-42-45

90-00
2



1878 May 29th 6h-33m A.M. Apt Time Lat N 41

Long 126-45-W Sun B E½S - Reg Cell + Ser's Compass

App T. 6h-32m 21°-32-52 N

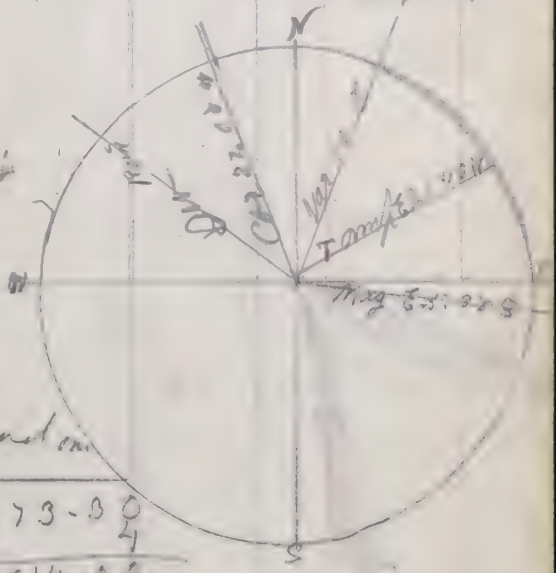
12
18-33
8-27
27-00
24-00
3-00

A M +
Long in time

N- 21-40-01 Cot Dec

Var 23-19
13
1-49

correct amt




T amp E 21-40-N
Sun B 65-38 S
27-18 W
5 E
32-08 W Dev for head

Oct 15th Long 173-30 E
App Time Ship 6h-39m-P.M.
Borrowed 24h
30-39
Long 173-30 in time 11-34
Gren time 17-05

173-30
4
69/7-00
11-34 h m s

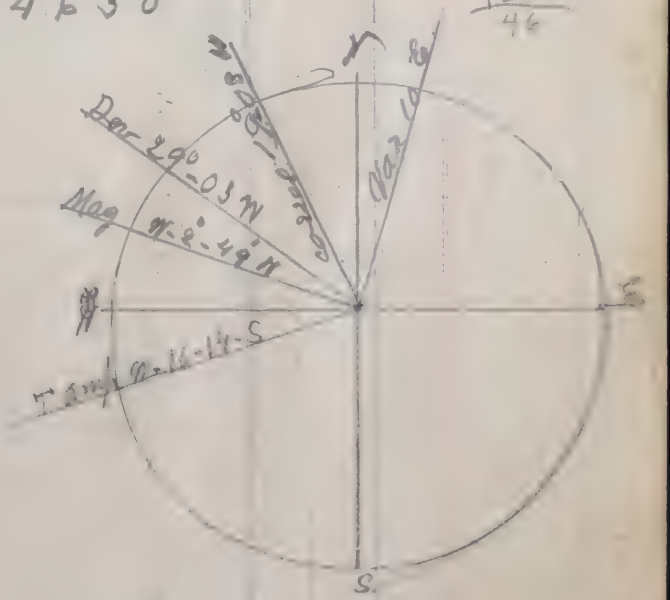
Oct Dec 8-12-07-S
17-46
8-29-53

Hdg
5-8°
1-9
55-83
2 47
55-83
60/3305-3
60 17
466
420
46

Dec 8-29-53 Sine
Lat 58-04-N Secant

0.27660
9.16970
9.44630

W 16-14-S
W 2 47-N
19-03-W
10 E
29-03 W



Point
1/2 5°-37'-30"

1872 June 4th 6h-08m P.M. mean time

Lat 47.36 N. Long 16-00 W. Sun bearing was N. 1/4 W

Alt Sun Lower Limb 33°-44'-40" Index error 2'-2" Ey 19 feet

To find True Azimuth - Correction - Dec of Body - Dec 4 N

June 4th M. Time ship 6h-08m P.M.
Long 1h-00m W. in time 1-4
M. Time Green 7-12

Dec 23°-27'-32" N
+ 2-4
23-29-36
93-00-00
67-30-24

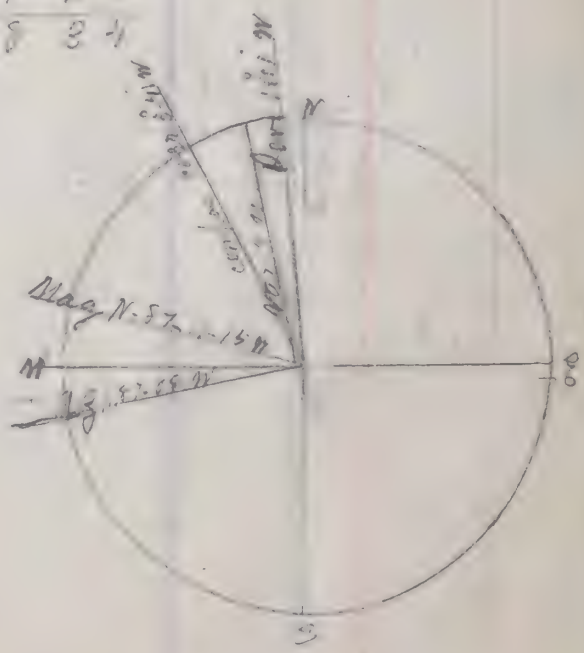
H diff
17-37
7.2
3474
12359
124.564
2.64

Alt 33°-44'-40"
- Index Error 2 30
33-42-10
Ref 1-24
33-40-56
Eye 4-17
33-36-39
Dip 8
33-36-31
Sun 7 15-47

Alt 33-52-34 Secant 0-08083
Lat 47-36-00 Secant 0.17032
P. Dec 67-30-24
Sum 98-58-58 9.42872
Hs 74-26-29 cosec 1.19681
67-30-24 19.67668
6-56-05 Cosec 9.53834

48°-34'
2
S.87°-08' W

True Azimuth S 87°-08' W
180-00
Sun True B N-92-52 W
Mag B Compass N 87-11 W
Compass Error 6°-41' W
4 W
1-41 W



July 18 72 - 2d 5h - 17 - P M Mean time Lat - 61° 10' Long 51° 15' W Sun B N½ E - Alt L.L. 5° 33' 15" eye 19 feet Reg. True Azimuth - Correc - & Dev - & compass Var 4 W

Mean Time Shift - 5h - 17m P.M. Dec 23° 0' 5" N.

51° 15' W time 3h - 2m

Mean G. Time Shift 2d 11 - 42

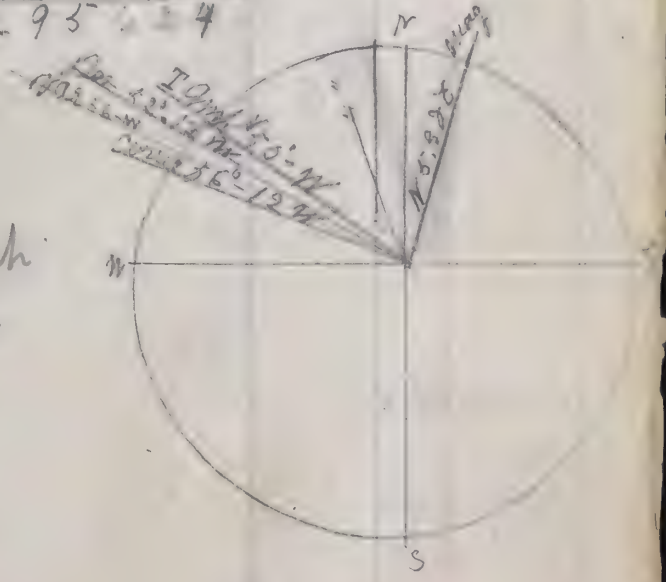
23° 0' 5"
- 2 11
23 - 00 - 43
9 - 00 00
66 - 59 - 17

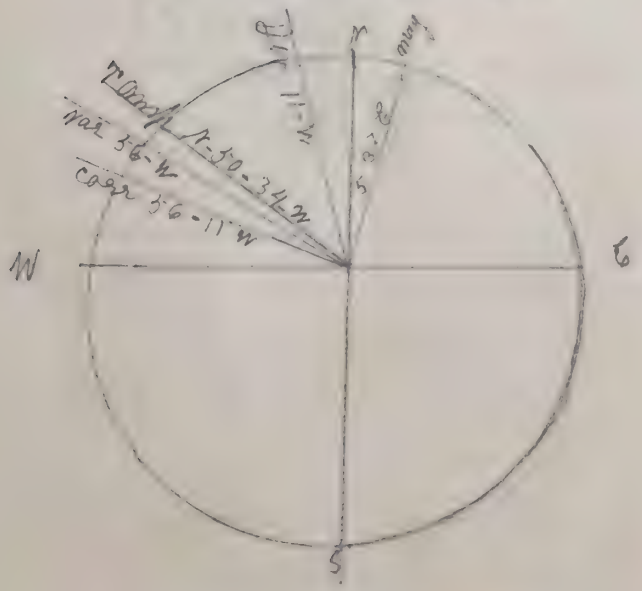
51° 15'
150 - 45
3 - 2
40 11 - 17
11.7
7 2 3
1 1 0 9
130 7 2
2 - 11
S Dem 15 - 46

Sun Alt 5° - 33 - 15
S Dip 15 - 46
5 - 51 - 01
Ref 9 - 21
5 - 42 - 01
Eye 4 - 17
5 - 37 - 44
Par 9
5 - 37 - 53 secant 0 - 31672

Lat in 61 - 10 - 00 secant 0 - 00209
Pedist - 66 - 59 - 17 9 - 59366
Sum 133 - 77 - 10
H sum 66 - 53 - 35 cosine 10 -
66 - 59 - 17
Remd 00 - 05 - 42 cosine 199 1947
9 - 95 124

6° 4' - 43'
- 2
5 120 - 26 - W
180 -
N - 60 - 34 W True Amp
N 5 - 37 E correc
56 - 11 W Correct
4 W Var
52 - 11 W Dev



95-15-E
4
6|38|1·00
6-21m

9h 40m A.M.

Ex 9 1872 Aug 20 Lat 35°-30'-S Long 95°-15' E

Sun Eq Tim P E by E. Alt ⊙ L 26°-30'-N. Sq 20 ful
Reg Time Azimuth - Corr - + Dec of Compass - Var 16°-W

| | | |
|---|---|---|
| Time Ship | 9h-40m A M | 12°-45'-07" N |
| Add at Ship | 12 | 3 47 |
| | 21 40 | 12 41·20 |
| Long E in time | 6 - 21 E | 90-00-00 |
| Time Green | 15 19 | 102-41-20 |

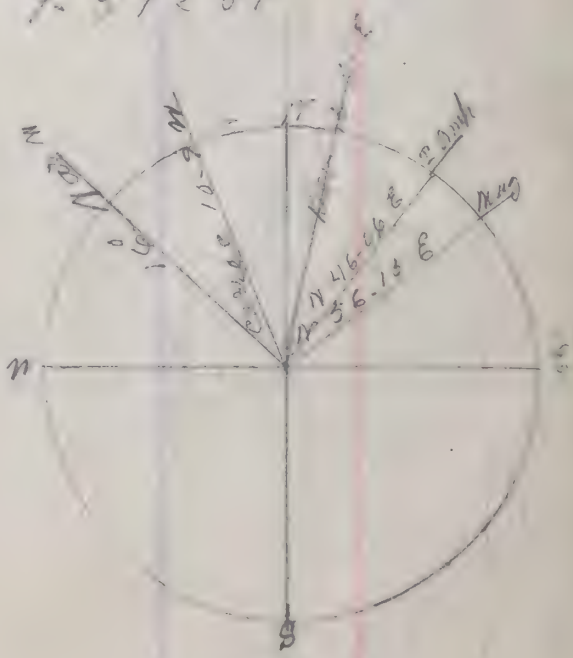
12°-45'-07"
3-44
12-41-13
90-00-00
102-41-13

Hdg
15-51
12.31
15 51
1653
9162
1551
6191.7281
2-12

15-51
14-65
7735
7306
1204
1551
6|1227|2.13
347

Alt 25-30-00
Sd + 15-51
25-45-51
Ref 2.2
25-43.49
Ex 4 24
25-39-25
Ref 8
Corr Alt 25-39.33 Second 0-0-45.12
Lat in 39-30-00 Second 0 1 0 6 4 6
Polar 102-41-20 9-0 5 9 3 7
Sum 166-50 53 9-9 7 1 6 6
Half sum 83-25 26 Cosine 19-1 8 3 6 1
102-41-13
Remainder 19-22-33 Cosine 9-5 9 2 8 1

33-03
2
N- 56-06 E
N- 36-15 E
16-09 N
16- W
5 51 E



De

57-17-30
6/237-10-00
3-57-10

Dec 15th 8h-51m A.M. Mean time Ship Lat 42-56 N.
Long 59°-17-30 W. Sun B S Alt 12-16-30 Alt
Index +1m-29s Eye 20ft Required Az. [illegible] 31-W

Mean time Ship 8h-51m A M
Ann of Ship - 12-00
59-51
Long in time 3-57-10 W
24-48-10
Corrected 24-[illegible]
Dec 15th 42-10

Alt 12-16-30
Sd 16-17
12-32-47
Ref 4-16
12-28-31
Par 4-24
12-24-07
Dip 9
c Alt - 12-24-16 sec
Lat - 42-56-00 sec
P D - 66-39-22
Sum - 121-59-38
H Sum - 60-59-49 cos
66-39-22
Remd - 2-39-33 cos

12-24-16 sec
42-56-00 sec
113-20-26
174-40-44
87-20-22 cos
113-20-26
26-00-06 cos

14-51
2
S 29-42 E
29-42 W
31 W
1-18

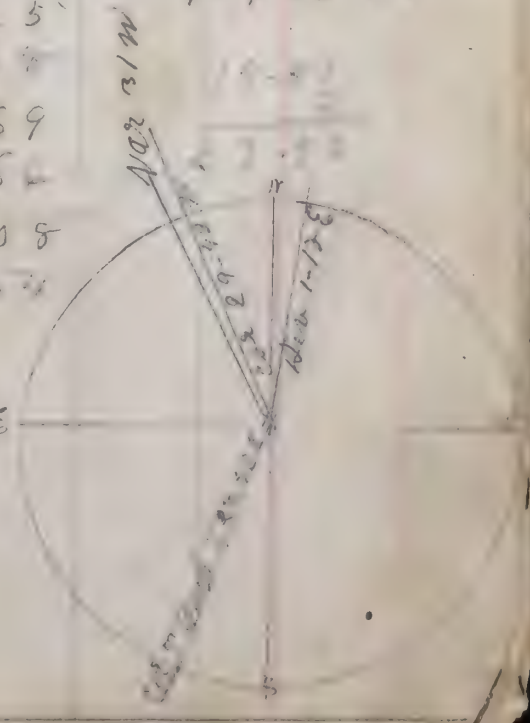
Dec 23°-20'-25" S
[illegible]
25-20-28
[illegible]
113-20-[illegible]
23-17-37
5
23-17-42
90-00-00
113-17-42

W diff
6-41
6
3.8-46
7-51
[illegible]

12-24-16
45-00-00
113-17-42
177-57-58
87-16-34
113-17-42
[illegible]

0-010 25
0-18 24 5
9-641 54
9.99953
19.83410
9-91705
0-010 25
0-18 24 5
8.67039
9.95372
[illegible]
9-[illegible]42

Corrected
10 out



Sun at noon 16-12
" 13" 16-12"

Dec 11th 17-28-52.5 H diff 41-44
Dec 12" 17-45-15.5 -40-58

1/2 Point 5°-37'-30"

[illegible] 4-52 P.M. mean time Ship Lat 32°-30'-25" N

[illegible] 5°-56'-30" Sun 12 M 1/2 N. Ob Alt 15°-55'30"
[illegible] by copper.
Reckoned Jan Barnwell. Corr. — Dev [illegible] 14° W
[illegible] 5.56°-12 W Corr 39-26 W. Dev 25°-26 W

Dec. 17-28-52.5
3-27
17-34 19.5
90-00-00 N
107-34-10

H diff
41-44
7-9
372 96
29 5 6 8
327.3 14
5-27

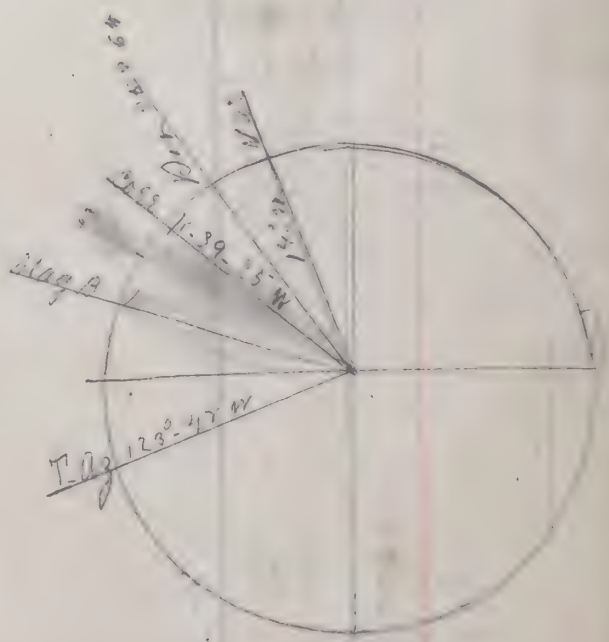
Alt 15-56-30
Point 1-10
15-57-10
Dip 3-17
15-53-53
-27
15-53-26
Lat 16-12
16-23-41
Dec 9

Long 45°-35' W
6
4
51-19-0
Long in time 3-17
4-52 P.M.
7-19-4

N Mag -34°-22 W

cos 16-05-41 sec 0-01738
Lat 32-30-25 sec 0-07397
PD 107-34-10 9-31490
Sum 155-10-24 cos 9-99977
Corr 75-03-12 1-94602
107-34-10 9-67301
Rem 39-28-58

Half Alt 28-06
2
Long 5°-56-12 W
180-00
Az N 123-46 W
34-22
Corr N 39-26 W
14 W
25-26 W



16th Semid 15-47-
17" " 15-46

Dec 16th N 23-22-04
" 17" N-23-23-57
16 N diffs 2-18
17 " " 4-23

June 17th 3h 48m PM mean time ship Lat 29-30 N.
Long 125° 45' E. Sun B N W ½ N. Alt 11-30-20 [illegible] 1-29 [illegible]
Required Az. Corr & Dev of compass [illegible] 2° N.
True Az S 110-26 W Corr 30-12 W Dev 28-12 N

Mean time Ship 3h 48m
Borrow 24 hours 24-00
27-48
Long in time 8-23
Sun's time June 16th 19h 17m

125° 45' E - N 23-22-04
4
23-13-24
1-23
+ 1 30
23-13-54
15-55 [illegible]

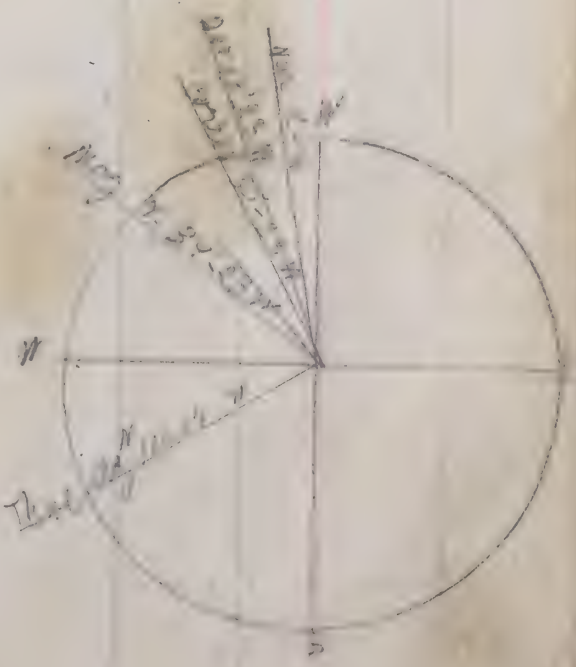
1 (16th)
5.25
18.3
[illegible]
325
E 101 324
1.71

5-25
1.8.3
[illegible]
[illegible]
[illegible]
[illegible]
1-30

Alt 11° 30' 20"
Inc + 1 29
11-31-49
Semid 15-46
11-47-35
Ref 4-35
11-43-00
Eye 4-24
11-38-36
Par 9
Cor Alt - 11-38-45 Sec 0-00904
Lat m - 29-30 00 N Sec 0-06030
P. Dist = 113-12-30 9-76957
Sum - 134-21-15 9 98904
½ sum - 77-10-37 Cos 19 82795
113-12-30 9.91397
Remd - 36-01 53 Cos

Alt 11-38-45
Lat 29-30-00
PD 66-47-30
107-56-15
53-38-07
66-47-30
12-09-23

H Az 55° 07
2
S 110-14 W
180-00
H 69-46 W
N 89-23 W
30-23 W Corr
2- W
28-23 Dev W.



Dec 9 S. 22-51-10 - H diff 14-43-
" 10 - S. 22-36-43.

Sun's Decl 8° 0 S. — Corr — Decl Chart 15.5 min

[illegible] 9h 16m LM. [illegible] Time Ship - Lat 60-10 N
[illegible] days - Alt 25-4-20-30 Prem + 1-20 Eye 20 feet
Sig Line of Lons — Dec [illegible] Var chart 12° E.
Alt Sun Obs 5-23-26 Corr 10-19 E. Dec 5-41-01 -
[illegible] per [illegible] to always the point the ship [illegible]

Sun on Line Ship 9h 16m 00 s AM

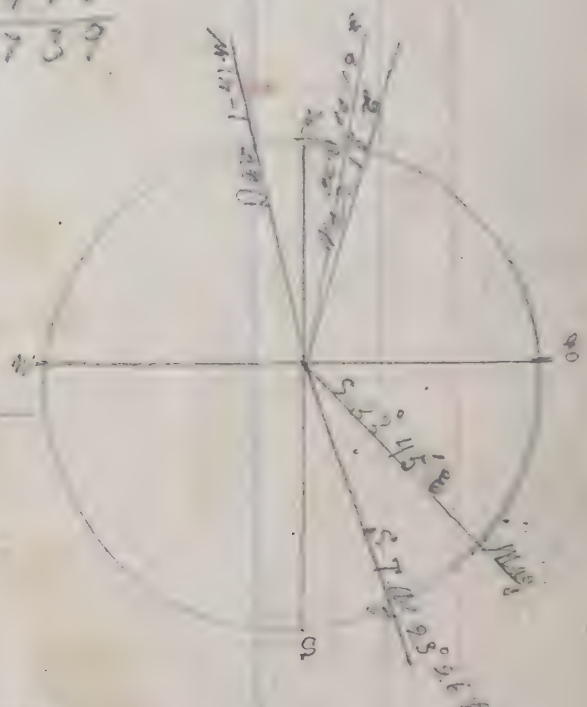
| | |
|---|---|
| 22-51-10.5 | 14-43 |
| 2-27 | 10.16 |
| 22-53-37 | 8.67 |
| 96-30-30 | 1.445 |
| 112-53-37 | .55 |
| | 9)17.5 8-20 |
| | 2.27 |

| | | | |
|---|---|---|---|
| Co Alt 4-20-30 | 4.22 4-5 | .00127 | 14.43 |
| 4-21-22 | 60-10-00 | .30323 | 4.16 |
| 4-25-52 | 112-53-37 | 8.35018 | 8.67 |
| 16-17 | 177-26-05 | 9.96017 | 1.445 |
| 4-9-35 | 88-43-04 | 18.61478 | 9)132.3 |
| Pres 21-7 | 112-53-23 | 9-30739 | 4.13 |
| 4-38-15 | 24-10-19 | | |
| Eye 4-20 | | | |
| 4-33-35 | | | |
| Pres 9 | | | |

| |
|---|
| 22-51-10 |
| 2-13 |
| 22-53-23 |
| 76-10-00 |
| 112-53-23 |

| | | |
|---|---|---|
| Co Alt 4-33-45 sec | 0.00126 | |
| 65-10-00 sec | 0.30323 | |
| 112-53-37 | 8-35018 | |
| 177-37-22 | | |
| 88-43-41 cos | 9-96011 | |
| 112-53-37 | 18.61478 | |
| 24-10-56 cos | 9-30739 | |

| | |
|---|---|
| 11° 43' | |
| 2 | |
| S 33-26 E | Ans Lat |
| S 33-41 E | Ans Dep |
| 10-19 E | |
| 12-00 N | |
| 1-41 N | |




M.T.O.M. 3-17-01 P.M.

Sun 2-11-11 P.M.
11-9
2-11-08
3-59-9
1-48-01

13-
12-
27-00 E

Latitude) 124-30 Dec Aug 10th 14-32-45 N Hour 10h

6|49|8-00 Decreasing

18-18 6|18|13

Aug 10th in Long 124-30 W Alt ☉ 37-10-00 B.S.

Index +2-40. Eye 20 feet Reg Lat

Alt 37°-10'-00 B.S.
I.C. + 2-40
37-12-40
Semi 15-51
37-27-01
Ref 1-16
37-27-45
Eye 4-24
37-23-21
90-00-00
52-36-39.5
15-26-41 N
37-24-38

1h 11m 16s N = 5
7-9-6
2-37-33

30-45
12-16
42-55 W

Lon 14th Long 51°-00 W Alt 37°-14'-10" B.S.
Eye 20 feet Reg Lat Cor Dec 21°-15'-10 S. Sol 9°-35'-35" S
Alt 78°-14'-10" B.S. N
- 3-50
78-08-20
16-10
78-24-30
Ref 12
78-24-18
Eye 4-11
78-20-15
90-00-00
Lon 11-39-45 N
Dec S 21-15-10 S
9-35-25

78°-14'-10" B.S.
+ 3-50
78°-20'-00"
- 4-11
78-15-49
12
78-15-37
2
78-15-39
16-17
78-31-56
90-00-00
11-28-04 N
+ 21-15-10 S
9-47-06

78-14-10
16-17
78-30-27
7 11
78-26-18
12
78-26-06
2
78-26-08 N
90-00-00
11-33-53 N
21-15-10 S
9-31-20
+ 3-50
9-37-10

Dec 21°-15'-41" S
78°-14'-10"
3-30
78-08-20
16-17
78-24-37
4-11
78-20-26
12
78-20-14
2
78-20-16
90-00-00
11-39-44 N
21-15-16 S
1-39-28

Chro 5h-10m-20s
MT 3-12-40
2-20

Chro 4h-15m-25s
MT 4-12-17
1-42
2-20

Lon 4h
July 14

1-21-32
4-39-44

66°
8-33
67-36 N

Dec 17° 9' - 9" - N diff 39.75 - Eq time 13.14" Sub increasing
Dec decreasing - (Semi Ground 16-17)

Index + 1-05"

Jan 27 Cal at sea Lat 22.44.34 N. Alt 22.13.20.
Eq 3.27. Time by Chron 28th 09 3h 27m 18s
which was slow for mean noon Greenw 1h 25m 55s
Jan 27th on Jan 11th was slow 1h 26m 20s
Keep the Long by Chron.

Jan 27. 1-25-55 slow
1-25-20
Paris 16 days 10 | 35 | 3-5 to
30
5

Chron 28th 3h 27m 18s
slow 1 25 55
4-53-13
acc rate 1-00
4-54-13
35
4-54-48

Dec 18. 09.09 - S
3-13
correct 18-55-56 S
90-00
108-55-56

3.5
17.2
70
245
35
6 | 1 1 2 0
1-2

Alt 22-03-20
16-17
22-19-37
Ref 2 26
22-17-17
Ref 4-24
22-12-53
Index + 1-02
Corr Alt 22-13-55
Lat 32 44 34
PD 109-55-56
Sum 163-04-23
½ Sum 81-32-12
22-13-55
Rem 59-18-17

3h-07-36 - App time Sun
-15-14
3-54-22 Mean time Greenw
4-54-33
2-10-16 = 30° - 4 - W
0-07 5 18
0-0 2 2 04
9-1 6 3 01
9-9 3 4 4 2
18-1 9 8 6 5
9-5 9 9 8 2

39.75
4.86
2 1 8 3 0
3 1 8 0 0
1 3 9 0 0
6 7 9 2 9 8 5 0
3-13

h m s
1-57-51
15
55
15-14-13-2 W

Stand alt by Compass E. N. E. E 22.30 N
True Bearing N 5 by E = E 33.45 N
11-15 W

Jan 27th Chron 3h 27m 18s. Watch was slow for
mean noon 1h 25m 55s. Jan 1st - Jan 11th slow 1h 26m 20s
Keep long by Chron long 30° 4' W

Chron 3h-27-18
acc rate 1 21
3-28-39

h m s
1-25-20
1-25-55
10 | 35 | 5 = 3
51
81
1-21
17
3
51

30 17 31 19
30 14 31 22
00 31 44

Dec 4° 13-03 N
+ 9-26

April 1st a M Ship at 32-16-32 S

alt ☉ 32-16-20. Index + 1-35. ☉ 15 ft low

Chron. March 31st 8h 30m 22s Slow 1h-24m-12s.
Jan 14 Feb 14th Slow 1h-20.27s Reg Long by Chron

Chron 8h-30m-22s
Mar 31st 1-24-12 slow
9-54-44
5-14
22-09-58
8-27-57
13-42-01

alt 32-16-20
Index 1-35
32-14-45
Semi 16-17
38-31-02
Ref 1-31
32-29-31
Eno 4-11
corr alt 32-25-20
Lat 32-16-32 S
P.D. 85-37-21
Sum 150-18-13
H Sum 75-09-38
32-16-32
Semi 42-53-04

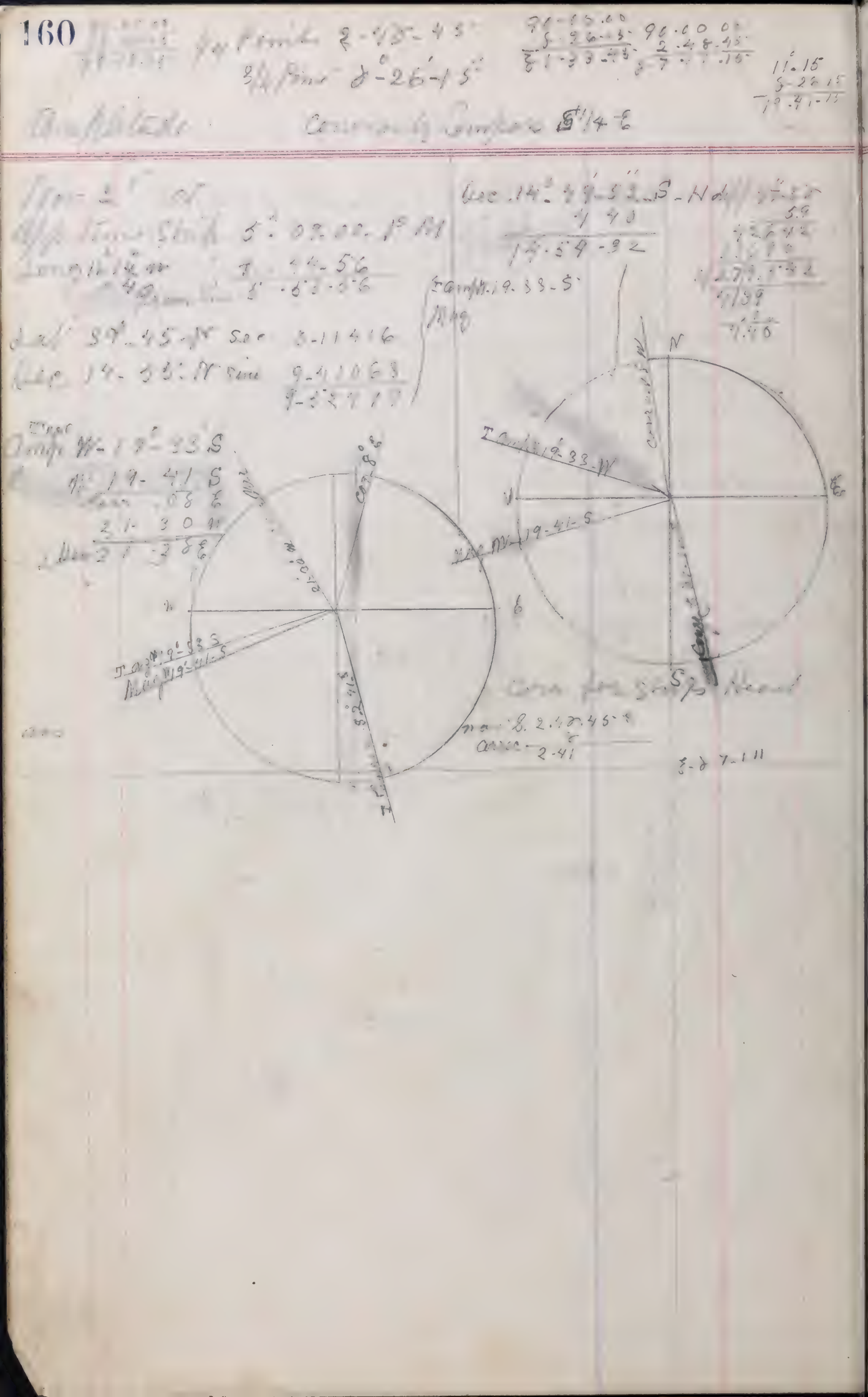
Dec - 4-13-13
+ 9-26-50
Dec 4-22-23 N
90-00-00
85-37-21

h m s
0-07293 - 8-23 41
0-00127 Eq time + 4-16
9-40825
9-83283
19-31528
9-65764

1st 31st 1h-24m-12s slow
forward 1-20-27 Long
3-93
60
180 minutes
45
135 | 7-5
30 | 13 5

7-4
45
180
60 | 180
1-7-5
3
5-14

13h-42m-01
15
205-10
365-25
156-35



Sunset 16-16 Bearing by Compass N. 50-30 W

1890 - Jan 31st Lat 37°-08'-5 - Var 28-30 W

Mean Time Shot 4h-29m-10s-PM - Dec 17-18-25-S Hdiff 42-15

Long 40-15 E 2-41-12 1-25 1.75

6-41-15 Ship time 16-48-58 17-17-13 210 75

2-41-12 48 8 90-00-00 29505

73-42-47 1215

1-55

42-15

1-5

33721

2111

17-00-7

1-55

Alt 30°-40'-40"

16 16

31-24-56

1-35

31-03-21

4-31

30-58-50

8

Cor Alt - 30-58-55 Sec 0.06656

Lat in 37-08-00 Sec 0.09841

72.42.47 9-52527

140-49-45

70-24-52 Cos 9.99905

72-42-47 17-69017

2-17-55 Cos 9-34509

44-26

2

True Az S 55 52 W

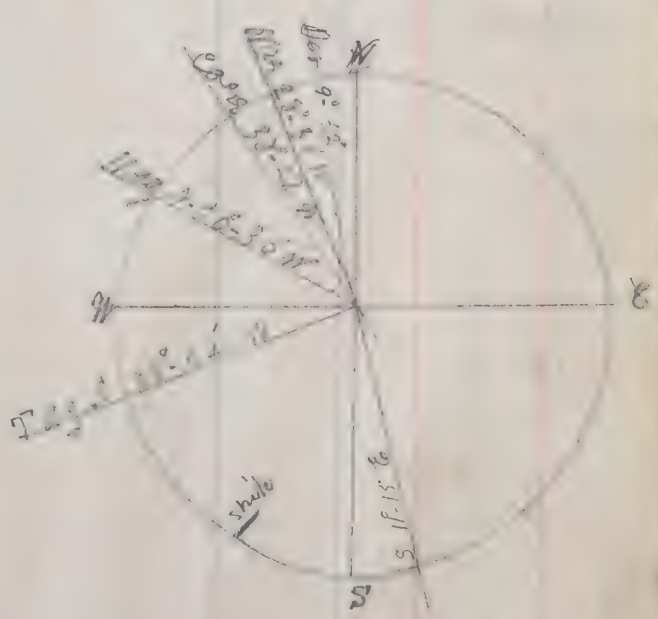
Mag N-50-30 W

38-22 W

Var 28-30 W

9 52 W

Correct




Ship Heading S by E 11°-15

Cor Dev & Var 38-22 W 38-22

Dev 9-52 W

28-30 Ship Heading S 90°-45 W

Sandy Hook Light — Stbd Lat 40°-26-N Long 73°-51 W

Stbd Hand S.E. Dev 2.E. Var. 5.E

Light-Ship Bearing N.E. 10 miles

Course S. 8 miles Dev 2.E.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Stbd Hand S.S.E. | | Dev 2 | E | | | | S.18.E | Stbd Hand | |
| Light-Ship Bear. N.E. 10 miles | | " | | | | | N.50.E | 10 miles | |
| Course | S. 8 | " | " | 4 | N | | S 1° N | 8 | " |
| " | S.E.½E. 27 | " | " | 3 | E | | S.45°.E | 27 | " |
| " | E 32 | " | " | 6 | E | | S.79°.E | 32 | " |
| " | S.W. 14 | " | " | 7 | W | | S 56°.W | 14 | " |
| " | S by W. 60 | " | " | 4 | N | | S 12° W | 60 | |
| " | S by E. 27 | " | " | 7 | N | | S 10°.E | 27 | " |

| | N | S | E | W |
|---|---|---|---|---|
| Long 40°-26 | | | | |
| 2.-57 | | | | |
| 38-23 N Light-Ship | | 08.0 | | 00.1 |
| | 07.7 | | 06.4 | |
| 73°-51 W | | | | |
| 46 | | | | |
| 73-05 W | | | | |
| | | 18.1 | 20.1 | |
| | | 06.1 | 31.4 | |
| | | 60.5 | | 14.0 |
| | | 38.7 | | 12.5 |
| | | | | 26.4 |
| 40-26 | | | | |
| 38-23 | | | | |
| 78-49 | | | | |
| 39-23 Middle Lat | | 26.6 | 04.7 | |
| | | 180 | 00.6 | |
| | | 07.7 | | |
| | | 23.7 | 21.0 | Dif. of E |

Light S. Bore

Course S.16°-06 E. Dist 131 miles. Lat Line 38.20 N

~~Long in 73°-25 W Course~~

Mid time Mid 5h-19m P.M.

Long 11-14 W in time 44.56 — 5-26.15

4 — 5-33-56 — 11-15

19.41-15

Lat = 38-45 Sec

Dec 14 53.0 N

Sec .14416 — W-19°-33 S 5.0 min

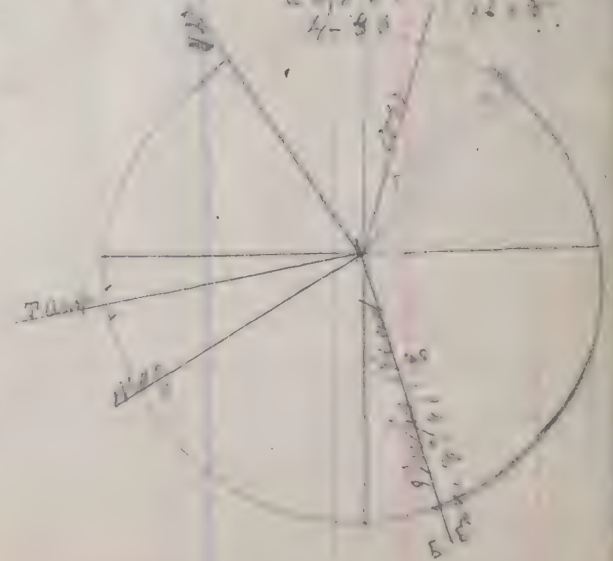
Sin 9.40968 — W 19-41-5 Mag

9-52384 — -18 E

.11-416 Sec — 21-30 W

19-316 TO — 21-36 E

7.52422



Sun Bearing W by S 3/4 S — Ship's Head S 1/4 E

Var 21°-30 W

Arrived Nov 25 — Find Ton. and True Course

Ship's Long 12-14-00 W
4 Run time
74-56

5h-09m-03s P.M.
44-56
5-13-56
6 11

14°-49'-52"-5
+4 37
14-54-31

Tamp
47-57
5-
42642
23670
6 27 8 42
4-39

Lat 39°-45-N sec 0-11416
Dec 14-55-Cos 9.41063
9-52479

W-17-33-S Tamp
W 19-41-5
0 58 6
21-30 W
21-38 W

Mag W x S 3/4 S is W. 11°-15'
8-26
19-41

Ship's head S 1/4 E — S 2°-48'-45" E
Time Course S 9-41 E

Jan - 31st
mean time ship 4h-29m-10s P.M.
Long. 40-17 E
6 18-2
2 47-12

5-41-12 E
47-56
1-

Var 20°-30-W
Eye 21 ft
Lat 37-02-00 N

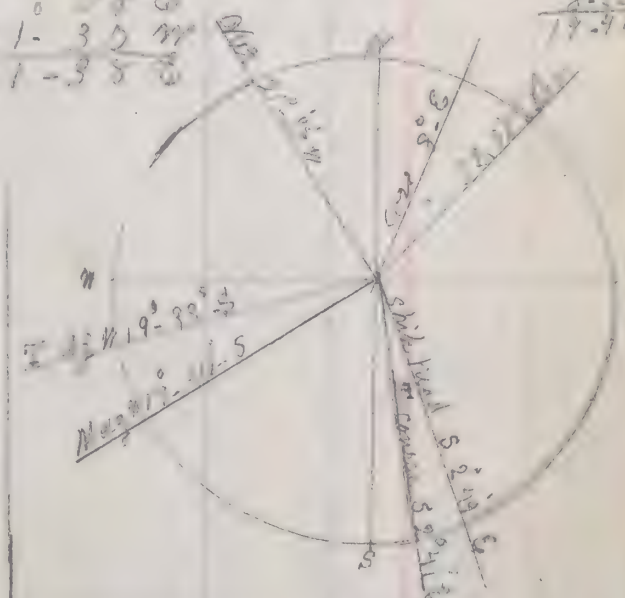
alt 30°-45'-45"
S.D. 16-16
31-14-56
Ref 3 36
31-03-20
Eye 4-31
Par 36-28-49
or alt 36-28-07 sec 0-06651
Lat S 37-08-00 sec 0-09251
P. Dist 72-40-16
Sum 140-47-13 9-52563
+ Sum 70-23-36 sec 9.99989
72-40-16 19 8 1944
Remd 2-15-40 cos 9-84522

Mag N-50-30-W

17°-18'-27"-5
1-16
17-19-44
55-00-16
72-48-16

44-26
2
N 88-52 W True
N 50-30 W Mag
38-22 W
28-30 W
9 52 W 9-51

as N 88°-52-W
Errn 38-22 W
Dev 9-52-W



23-4 July 25

24 8-26-15 69 29 10.9

29 | 65 40 | 2

Lat.

h m s

20-22-14 S

3-26

20-28-40

90-00-00 N

PQ

35 8

6 | 42 19 | 7 | 7-09 | 31.35 | 10.4 | 125-40 | 313.5 | 326.40 | 5-26

31 30 31 30 31 20 179 4 | 716 | 71 | 70 16 10 6 | 10

179 days

9-6 | 69 | 11

14 20.00

16-17

14-36-17

3 46

14-32.31

4-11

14-28-20

8

14 28-28

48-10.00 BS

16-17

48-26-17

6-51

48-23-26

3 49

48-21-33

6

48 21-41 N

90-00-00

41-38-19

10-28.40

21-09-39

179.

71

6 | 250 | 41-10

23

4-93

Var 21-30 W Dec 14-49-32 S

4-40

14-34-32

5h 09-00 P.M.

44-56

5-53-56 Ship H S 1/4 East

Long 12°14 W

44.56

Mag W by S 3/4 S

11-15

5 26-13

19 41-4

78-45

76-18 45

47.38

3.9

42642

23690

Lat 39-43 N 8.11416

Dec 14-54-32 9.4108 E 3

9.3 3 479

Ship's Head S 1/4 E, is S 2-47-45 6 | 279.3-42

S 2-49-45 W

8

S 2-41 E

4-40

N 17-23 S Tog

N 17-41 S Mag

0 5 E

21-8 W

21-3 8 E

Course Corrected S 2-41 E

Sunne 1841 June 6 1-32-

Hrs July 1-0 [illegible] = daily 1-4

Eye is fast Zo Jan [illegible]

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Chron 10h-32m-18s Jan 20 Jan 6 7 and 1h 32-1 Hrs

A M sidr

22-32-18
29 4
22-31-54-6
4-106
22-36-05-2

2-43-37
3-14-4
30-
13-
2-45-37
10-
-2-43-37
30
10-

20-23-17-5
11 22
20-11-22
11-11-32

.769
2316
4614
153 8
153 8
[illegible]

1-35
226
1711
[illegible]
1 47

a

Alt Rig [illegible]
16-17
[illegible]
Eye 3-49
[illegible]
[illegible]

Corr Alt [illegible]
[illegible]
[illegible]
21-26-45 N

Corr Ch 10-36-05
12
22-36-05
19-33-14
2-42-51
30° 36
10-12-11
41-52-55

8 Time 15-51 +
17
11-05-
179
[illegible]
4-106

Noon

A M Sign 11-20-[illegible]
16-17
14-36-17
Eye 3-49
14-32-21
Ref 3-40
14-28-41
9
14-28-37

Long 10°-45'-35"
91
47 16 37

Lat

21-26 45 sec 0-0 3 1 1 7
110-11-42 cos 1-0 2 7 5 7
116-07-24 9-4 6 4 2 8
73-33-42 cos 9-9 3 1 1 5
14-28-37 19 7 5 4 1 7
58-34-45 sin 9-7 2 7 0 8

7-42-0 [illegible]
[illegible]
7-53-14
12
19-53-14

N 74. March 26 A.M. — Ship run 52. miles

Dec 4.E.

Mean time 5h-5m-30s

Eq time 7-50 +

Lat 35°-54'-27" N

Long 7h-32m-25s

Co alt Lat 18-19-16

Lat 35-54-27 secant 0.09149

90-00-00 Pole 0.00000

144-19-43 9.48607

72-19-51 cosine 9.90713

18-19-16 19.48469

55 35-30-35 sine 9.74234

1/4 Rect 2-43-43
1/2 " 5-37-36
3/4 8-26-15

Lat 39-45 N

[illegible]

Long [illegible] N. Since [illegible]
Mag [illegible] S. Mag Bar [illegible]
[illegible] Chart 21-30 m. Ships [illegible]

Dec 14° 54' 32" S [illegible]

Rel time Cap 5h 51m 20s P.M.
Long in Time [illegible]
Mean Mean time 5h 53m 56s = 5h 9th

Lat 39-45 N Secant 0.11416
Dec 14-55-2 Sine 9.41063
Sine 9.35479

True Amp N 17° 35' S Mag Bar Amp N 19-41 S

Mag [illegible]
Variation 21-30 W
21-38 E
Ship Head 5 1-17-34 E
Mag 5 [illegible] Mean Course
Ship Head 5 2-17-14 E
Std Direction 5 [illegible] E

Rel time [illegible]
Long in time 44-56 - Mag Bar N 19-41 S
Rel time 5h 53m 56s - Chart Var 21-30 W
Corr Dec 14° 54' 32" 9.41063
Lat 39-45 N 0.11416
[illegible]

[illegible]
Mag Bar N [illegible]
Course [illegible]
Ship Head [illegible] W
[illegible]

Note and Log for Hsinis Road

June 6th Chronjet 1m 33-42
July 23rd 91 " 53-42
15-17
1 09"3

Hong Kong ... +10 ...

Chron: 10h-32m-18s A.M.

23s
10-31-54-6
7-10-2
10-36-05-2
12
22-36-05-2
19-53-15
2-42-30
48-10-08

2h-12m-50s
15
30 30
10 12 30
40 42-30 W

7-42-17
11-1
7-53-18
12
19-53-18

[illegible]

May 21

Lat 20 - [illegible] + 1-10°

10h 12m . PM
− 3-38
10-08-22
+ 1-40
10-10-02
3-56-19
14 06 -21
25 23 · 10
11-16-39

alt 50°-19-10
+1-10
50-19-20
4 43
50-14-37
49
50-13-48
1 13-12 cor for 5' est height
50-29-00

22°-30'
4
90-00
or
1°30.00
or subtract 15
91.30 13

May 22

11-51 PM
− 1-47 E of mer
11 49 · 10
+ 1-57 cor of time
11 51 -07
12 2 7 set time
32.53 -14
25 · 23
8 29 · 46 star rise

alt 30-30.25
+2 10
30-32-35
4.36
30-27-59
1-39
30.26-20 Calt
56
30.25-24

30°-30'
4
120 · 00
2-3-41 in mer
2 44
2 -14 -25

10-12 PM
3-38
10-08-22
3.56 19
14 09 41
1.40
14-06 21
25-17-16
11-12-15

10-12 PM
3.38
10-08 -22
3.56 19
14-04-41
+1-40
14-06 -21
25.17 36
11-12 -15

alt 50-19-10
+1-10
50-19-20
4 43
50-14-37
49
50-13-48
1 13-12 cor for 5' est height
50-29-00

22-30 corr
4
0

50-13-48

Shafts Naval S 2°-42-46" E

Sun's Declination 2°-31' E

Sun's Long

Sun's Decl = S 4°-29-13" Pm

Sun's Long T. 3° 41° 12

1 47-05

Sun's Decl

Obs Alt 30°-42'-40"

Semi 16-16

51-24-56

Eye 4-29

31 00-27

Ref 1-34

30 58 49

Pm

Cor SS 38-51-27 Sec 0-06686

Lat 37-8-00 Sec 0-09941

Refract - 12-12-48 9-52327

Semi 14-0-49-45 9-99965

70-24 52 Cos 17-69019

70-42 48 9-54309 cosine

Decl 2-17-36 cos

Long 42°-15

1.8

73°-20

42 16

6 73 57 0

9-16

Rec. S. 17°-18.28"

— 1 16

17 17-12

90-00-00

Pl 72 42 48

N. 44-23-30 W

2

N 88-51-02 W

Corr B N. 53-30 W

35-21 W

28-30 W

9-51 W

Noon altitude

1892

Chron 10h 32m 15s

Time of fog escaped — 23.4s
10-31-57.6
+ 4 10.6
10-35-05.2
12.
22-36-05.02
19-53-14
2-42-51.02

Dec = 20°-23'-14"-5
— 11.49
20-11-25
90-00-00
70-48-35

30°-30'
10-13
40°-43-00
24
41°-07.00

48°-10'-00" B.S
+ 16 17
48-26-17
Ref — 3.49
48-22-28
Ref — 51
48-21-37
Par 6
48-21-43
90-00-00
ZD 41-38-17-N
Dec S 20-11-25
Lat Noon 21°-26-52-N

(22 Departure table 11 = 24 Long)

Eq of time 10m-31.44
23
1-05

769
236
4614
1538
1538
17,377.4

Pre-Sight 14°-20'-00"
Sun — 16 17
14-36-17
Eye — 3.49
14-32-28
Ref — 3.40
14-28.48
Par + 6
14-28-54
Cos 28.4
Lat 21-26-52 Sin
P. Dist 110-11-25 Cos
S-Cos 136-07-13
73-03-36 Cosine
14-28-36
58-34-40 Sine

M.T. 22h-36m-05s-2
Lat at Noon 21-26-52 N
Long Sight 40-43-10 W
Long Noon 41-47-10 W

0.03117
0.02752
9.46428
9.91113
19.45412
9.72706

H.A. 7h-14m-06s
+ 11 5
7-25-19

1890 Nov 25

Dec 14°-49-32

6) 79 / 1-8-8 / 4-40 — 11 — 11-10 / 4 / 15-10 — 9-11-01 / 2 / 24-10 / 4-10 — 42°-15 / 2 / 84-30 / 42-15 / 1-16

for 31 21/2

for 31 2/2 MT 4-19-18 Long 40°-18' E. Dec 17°-18'-28"
-2-41-12-3 / 1-77-58 — 4 / 6,1-12 / 2-41-12 — -1-16 E Long / 17-17-12 / 90-00-00 / 72-42-48 P. Dist

MTS

Sun Alt 30-42-40
Semi 16-18
31-04-58
Ref 1-35
31-03-21
Eye 4-31
30-58-55
par 8
Cor alt 30-58-58 sec 0-06676
Lat 37-08-00 sec 0-09541
P Dist 72-42-48 9-52527
Sum 140-49-46 9-99961
Nsum 70-24-53 cosi 9-54019
72-42-48
2-17-45 cosi

S. 31-56 W
2
S 63-52 W
N 20
116-12
S 63-52

121-56
2
243-52
180-00
63-52

1923
2
846-3
160-10
63-51

Cor

24-35 sec 0,04144
26-30 sec 0-04821
67-20 9.70000
11-85 9.99966
59-14 19.79419
67-20 9-89709
8-06

44°-25-30
2
Tomp N 88-37 W
Mag B. N-30-30 W
N-38-21 W
Var 28-30 W
9-51 W

37°-24' 2 / 75-48
40-00-00 / 22-40 / 67-20

24-27 .04056
26-30 .04821
67-20 9.70994
11-15 9.99566
59-09 19.19767
67-20
8-11 9-89737

37-52 2 / S 75-44 E

Jan 20 A.M. Month Lat 1892 Eq time 10m-31s + Hdif Dec 20°-23'-14" S Hdif 31"-35"
Cor 11-08 .769 — 11-49 22.6
22.6 20-11-25 158 10
4611 96-00-00 6276
1535 116-11-25 6276
1535 6178.5-10
1737.94 11-49

Chrono 10h-32m-18s

July 25th — 23-4 Long 40°-43-00 Mean

10-31-54-6

Losing Rate +4-10-6

Eq T 9 10-36-05-2 Alt Sun 45-10-00-0S - Alt 14°-20-00" Glass

Jan 19th +12

23-36-05-2

19-33-14

2-42-51 2

Chronometer time 6F 1m-32s.4th

23.4

1m-29s Gain 49 in 5

60

49) 64 (1.4 Sing daily

49

Cor 1200

July 1892 31

Jan 20-1892 is 179 days

×1.4

716

179

6) 250.6 (4.10.5

24

16

Semi 16-17 Semi 16-17 Long Sight 46°-43-00" W

45-26-17 14-36-17 Long at Mean 91-07-00 W

Eq − 3-49 Eq − 3-49 Lat " " 21°-26-43"

45-22-28 14-32-28 Mean T 9 22h-36m-02s

Ref 32 Ref 3 40

45-21-56 14-28-48

Ref 6 5

45-21-42 cos Alt 14-23-56

90-00-00

71-38-18 Z Dif Lat 21-26-43 sec 0-03117 HA 7h-42m-11s

20-11-25 S PD 110-11-23 cosc 0-02752 Sd +11-5

21-24 53 N Sum 176-07-04 9.46928 7-53-14

H Sum 73-03-32 cos 9.93115 12

14-28-56 19-53-14

Remd 58-34-36 Smi 1945412

9-72706

31-35

22.06

145-10

6270

6270

6) 1691 (1810 - 11-32

March 20th A.M. 94 Feb 14-94 Chs fast 1m 22s losing 4/10 daily
" 14 to Mch 20 - 33 days
Ship Sea

10/132/13

Eq Clock 7m 46s +
-13
+ 7-33

| | h m s |
|---|---|
| Chr time | 8-04-36 |
| " fast | − 1 22 fast |
| | 8-03-14 |
| Losing Correction | 13.2 |
| | 8-03-21.2 |
| A M | 12 |
| III E 9-S | 20-03-21.2 |
| | 19-37-16. |
| | 39-03 |

Fee 00.26 - 19.5 H left
− 19-44
6-50

6 SS.52 log 2-4 67-30 11952
yds 17 W 17 188.16
91-30 19.44
Dec 4 S
14 Vr. Lat 7-2 left sks 749
1043
3743
1498
14.1 3.7

Mid Lat 53°-55'-28 B.S
Mid C − 1
53-54-28
Semid + 16-6
54-10-34
Eye − 4-4
54-06-30
Ref Ref 40 Dip 0.2 el 04 ok
54-05-50
Par + 5
54-05-55
− 90-00-00
T Dist 35-54-05 N
Cor Dec + 6-30.5
Lat Mer 35-47-15 N
7-12
Lat of Sight 35-54-27 N
Alt Obs 51-11.00
Ind C − 1
18-10-00
Semid 16-6
18-26-06
Eye 4-4
18-22-02
Ref 2-50
18-19-12
Lat 35-54.27-sec
90-6.50-cosc
144-20-29
72-10 14-cos
18-19-12
53-51.02-sine

Cor Point Lat 36-7 N Long 5-21 W
Mer Lat 35-47 Long Mer 4-37-15
23-19.4 Adj 19.4

Eureka Point N 44° W Dist 23 miles

0-09149
0-00000
9-48607
9-26713 Alt 7-31-41
19.73469 Obs − 7-23
9-74298 7-39.16
12

Reg 14°-49'-32"
4-40
W W 2 14-54-32

N diff 47-25
5.9
42742
23696
6 | 279.542 | 4.40

Long 11°-14 W
44-56

Appt time ship 3h 19m 00s P.M.
44.56
5-53-56

Long W 17

Dec 14°-54.32 Sine 9.41163
Sine 9-52479

Lat 39°-46'-00 N sec 0-11416

Time Diff W 18 33-5
Alteg Sun W 19-41 5
8 8
21-30 44
21 31 8

Ship's Head 17 S 52°-41'-E

Sum W by S 3/4 S to W 11-15
8 26.15
1941

Ships Head S 1/4 E to S 2-41-45
8
2.41

Lon 31 N Mean time at Ship. by 21 Jul.
4h 29m 10s P.M. Long 40-12 E Dec 17°-17'-25" N Diff 52.18
1.8

Longitude -2h 11 12s
W 79 - 1 .47 .58

4
6 | 61.12
2.41.12

-1-16
17-17-32
90-00-00
72.42.28

3372.4
4215
6 | 75.570
1-16

Obs Alt 30°-45'-40"
Semid + 16-16
31-04.56
Eye -4.31
30-59.25
Refract -1.35
30-57.50
Perp 8
Corr Alt 30.58.58 sec 0.06686
Lat - S 37.08.00 - sec 0-09841
P Dist 72.42.28 9.52527
Sum 140.49.26 9.99986
H Sum 70-24.43 - cos 19.90019
P Dist 72-42-28 9.84509 = 44°-25'-30"
H Sum 2-18-15 - cos 2

I Amp N-88-37-W
Mag B. N-50-30-W
Error - 38°-21'-W
Var 28 30-W
Ships Head Dev - 9-51 W

Rough Courses from Sandy Hook to Cape Ann

| Courses | Dists | N | S | E | W | Cor Courses |
|---|---|---|---|---|---|---|
| S. Head S 31°-45 E | | | | | | |
| L-SB-N-45-E | 10 miles | 7.1 | | 7.1 | | |
| S-1° W | 6" | | .8 | | 6.1 | |
| S 4½°-E | 27" | | 18.1 | 20.1 | | |
| S 79°-E | 32" | | 6.1 | 31.4 | | |
| S 85°-W | 14" | | 2.5 | | 14 | |
| S 12° W | 60" | | 58.7 | | 12.5 | |
| S 10°-E | 27" | | 26.6 | 4.7 | 26.6 | |
| | | | 115.0 | 63.3 | | |
| | | | 7.1 | 26.6 | | |
| | | | 123.1 | 36.7 | | |

Sandy H Lig Long 73-31
46
73-05

Sandy H Lig Lat 40° 26' N
2 3
38.21

Course S 16°-E Dist 131 miles
Lat 38°-21' N days work
Long 73-05 W " "

40-26
32-21
72.47
Mid Lat 36.23

[illegible] of Booking [illegible] [illegible] [illegible] [illegible]

3 [illegible] Apl 20th [illegible] [illegible] 15 Dogs
4 Dogs [illegible] [illegible] Powder.
1 " 2 [illegible] lb Powder [illegible] 1 lb Powder
3 " [illegible] [illegible] [illegible] Powder
2 " 1 [illegible] [illegible]. 3 lb [illegible]
1 " [illegible] [illegible] [illegible] [illegible]
2 " 15 [illegible] [illegible] [illegible] 1 lb Powder
1 " Tobacco [illegible] [illegible]
Sled. 1 lb Tea. 2 [illegible].
Rations [illegible] [illegible] [illegible] Powder [illegible]
[illegible]

[illegible] Apl 20th [illegible] 15 Dogs
4 Dogs. [illegible] [illegible] Powder [illegible]
1 " 2 lb Powder. 1 lb Tobacco
3 " 10 yds Calico. 3 lb Powder
[illegible] 3 lb Powder.
1 " 2. 3 lb Powder [illegible] [illegible]
2 " 6 yds Calico [illegible] lb Powder
1 " 5 fathom [illegible] [illegible].
1 Sled 3 [illegible] Tea. 2 [illegible]
[illegible] [illegible] [illegible] 2 [illegible] 30 lb [illegible]
1 Dog 3 yds Calico.
[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] 6th [illegible] [illegible] [illegible] [illegible]
[illegible]

[illegible]

[illegible] 1 [illegible] 1 lb Blankets

Dressings 2 " 15 lbs Bread. 1 cards 2 Matches

[illegible] Bed Mice

2 " 20 lbs " " 4-4-60 [illegible]

2 " 40 lbs Beef [illegible] 1 card

Fed a family of 4 [illegible]

[illegible]

[illegible] 40 lbs Bread & [illegible] 43-60

14 lbs Potatoes

[illegible]

lb Powder 1 lb [illegible] Flour

[illegible]

Rec 213 Pound 5 cents

" 9 15 lbs Flour

" 10 lbs Flour 1 lb Powder

[illegible]

" 10 " " 1 " "

" 10 " " 1 " " Pills

2 " " Bread for [illegible]

[illegible]

2 " [illegible]

[illegible]

1 " 45-60 1 lb Powder

[illegible] Lead 5 lb Powder

[illegible]

3 [illegible] Flour 120 " Powder [illegible]

[illegible]

[illegible]

[illegible]

Cape Smyth

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Continued on Page 182.

Cost of Dogs on Charles Bayard 27.75
upt. to Dec 6th 1900 [illegible]

4 Tents & Dogs to Bayard [21 Dogs]

| | | | |
|---|---|---|---|
| 1 Large File | 30 | 5-44s | 3 Dogs |
| 2 - Dogs & Mahne | 1 45-70 Rifle | | |
| 2 " | 6 - 45-70 1 lb Zinc | 9 | 3 qts Nails |
| 2 " | 10 - " " | 460 | 5 lb Lead 1/2 Flour |
| 2 " | 5 - 44s | 250 | 1/2 Flour |
| 4 " | 1 SK Flour | 90 | 10 - 44s 560 Lard |
| 2 " | 1 " | 90 | 1 Pan 20 5 - 44s 2 |
| 2 " | 10 - 45-70 | 4.60 | 1/2 Flour |

| | | | | Cost | Interest |
|---|---|---|---|---|---|
| 2 Dogs | 1 Rifle | 1 SK Flour | | 7 | 10 |
| 2 " | 1 SK Flour | 1 | 5 - 44s | 6 | |
| 2 " | 3 Sacks Spuds | 8.00 | 5 - 44s | 5 | 50 |
| 2 " | 1 SK Flour | 1 | 5 - 44s | 6 | 50 |
| 3 " | | | 6 - 44s | 6 | 70 |
| 2 | 10 | 2.00 | 2 1/2 lb Tobacco | 3 | 57 |
| 2 " | 1 2 SK Flour | 48 | 1 SK Flour | 1 | 15 |
| 4 Tents | 8 lb | | 12 Blankets | | |
| 2 Dogs | 10 Shovels | | | 3 | 10 |
| 2 " | 15 qts | 1 | 1 Flour | 1 | 85 |
| 3 " | 1 SK Flour | | | | |
| 3 | 1 lb | | | 2 | 25 |
| 1 | Sled | | | 1 | 25 |
| 1 Dog | 1 Sack | | | | |
| 4 " | 1 Mahne | 2 Flour | 2 Flour | 13 | 50 |
| 2 " | 1 SK Flour | | | | |
| 1 | 1 SK Flour | 1 lb Lard | | 1 | 20 |
| 3 " | 1 lb | 3 lb | 10 lb Tobacco | | |
| 1 " | 1 Cabin Stove | | | 4 | 00 | 49 57

Continued on Page 124

# Sales & Cost

| | | | | | |
|---|---|---|---|---|---|
| 1875 | 27 | 2 Seals 15# Flour | | Received | |
| | | | | Acct | |
| Nov | | 2 Seals 15# Flour | | Cheyenne | |
| | | | | L & A Acct | 43 |
| Dec | 29 | | | Sacks Grain | 197 |
| " | 6 | | | 1-45-70 | |
| | | Bear Meat | Flour | Cartridges | |
| | 3 | " 15# Flour | | Seed | |
| | 28 | | | | |
| Jan | 19 | 1 Seal 1-45-70 | | 1 Coil Fuse | 1 Blind |
| | | do 1-45-70 | | 1 lb Powder | |
| " | 21 | 1 " 10 lbs Flour | | 1/2 Tea | |
| | | " 12 lbs Flour | | 1 lb Water Pipe | |
| Feb | 4 | 1 " 10 " | | 1 lb Powder | |
| | 5 | 1 " 1-45-70 | | 1 lb Powder | 10 Lead |
| | 24 | 1 " 1 lb Powder | | 1 Calico Bread | |
| Feb | 6 | 2 " 5 plows | | | |
| Mch | | 1 " 2 lbs Powder | | 1 lb Powder | 1 lb 5 plows |
| Feb | 10 | 1 " 1 lb Tobacco | | 2 lbs Powder | 1 Chapeau Belt |
| | | 1 " 10 lbs Flour | | 1 lb Molasses | |
| Mch | 16 | 1 " 2 " Oats | | 2 lbs Powder | 1 " 5 Powder |
| | 27 | 1 " Cheyenne | | Chewing Tobacco | 3 |
| | | | | | |
| " | " | 1 " 15 lbs Flour | | | |
| " | 13 | 2 " 15 lbs Flour | | Tockah | |
| Mch | 14 | 2 " 35 lbs | | | |
| " | 1 | 1 " 1 " | | | Wiwate |
| | | | | 1 Sugar | |
| | | 2 lbs Powder | | 3/4 lb Tobacco | Tockah |
| | 4 | 1 " 1 lb Tobacco | | 25 lbs Meat | |

Nov 24 86 lbs Deer Meat Saddles 3 [illegible]
1 sk Flour 3-45-70 1 pound [illegible] [illegible] 2 57
Dec 12th 1 [illegible] Whole Deer [illegible] [illegible]
" 20 187 lbs Large Fish 2 sks Flour 2 gallons [illegible]
" 13 [illegible] 1 Deer Ham 1 sk Flour.

From Brewers Station

Shipments to the Stores Newport & Franklin

2 cars B Bonds Regal & Champion 3,000 lbs
Pack - 3 Bags - Drill 2 Carney Potatoes 200 lbs
Jan Velvet - 4 Bags 800 lbs Alexander
Jan 10 & 18 lbs Lobsters see at the Store in Franklin

| | | |
|---|---|---|
| June 1 1898 to date May 1 28 | $ | 12.00 |
| Oct 4th " " " | | 42 — |
| Oct 18 " " 25th | | 9 |
| Oct 25 " " 12 Nov | | 9 |
| Nov 15 " " 6 Dec | | 7 |
| Dec 6 " " Jan 3rd 1899 | | 12 |
| Jan 3 1899 " Feb 1 " | | 13 — |
| Feb 7 " " Mch 14 " | | 13 |
| Mch 14 " " Apl 4 " | | 9 |
| Apl 4 " May 16 " | | 18 |
| June 10 " Aug 27 " | | 30 |
| Sept 12 " Oct 17 " | | 15 |
| Oct 17 " Nov 7 " | | 9 |
| Nov 7 " Nov 28 " | | 8 |
| Nov 28 " Dec 19 " | | 9 |
| " 2 1900 Jan 30 1900 " | | 9 |
| " 30 " " Feb 27 " " | | 12 |
| " 11 " " Aug 24 " | | 63 |
| Aug 24 " " " 27 " | | 15 |
| " 16 " " Oct 9 " | | 18 |
| Oct 17 " " April 7 1901 | | 78 |
| " 9 " " June 4 " | | 24 |
| June 4 " " June 30 " | | 100 |

38
3
35.

Rec from Mr. Glenn 20 used tools
— [illegible]

Rec'd from C. D. Burns Station

1 Box Tobacco) 4m [illegible] 1 Primer - 14 [illegible] Powder)
1 Fish Line) 1 Piece Bed Drill 40 yds -
16 lbs Tobacco - 2 Bags Sugar 237 lbs - [illegible]
1 Twist Drill - 1 [illegible] 95 Powder - [illegible]
Dec 27th 40 yds Drill - 1 [illegible] Tool
[illegible] Smoking
" 20 75 lbs Shot - [illegible]
" 4 1 x 10 lb Lead - [illegible] Powder - [illegible]
[illegible] lbs [illegible]

715
142
576
407
983 / 7 = 140 - 1/2
7
28
28
420
105
121.50

~~715~~

9
396
187
21
907

58
236
7 | 177 | 25
14
30

55
208
7 | 174 | 24
14
6

541
23
564.

9

441.

715
142
576
21
597
730
7 | 1327 | 189
7
62
56
67
63
4/7

464
455
275
736

~~464~~

~~117~~ .99
374
275.

129
3
567
3
567.

365
365
365
1095
126
1221

365
142
226

Jan 1 [illegible] gave 2 - 7 lbs 5 gals
2 - Paper Soda Mdaus

# Aaka - Paid

[illegible] 2 - 1/2 lbs Pond. 1/2 lb Flour (Mrs [illegible])
1 qt tipe for Morrow, 1 Oil varnish for Cooning
1 lb Powder - 1 lb Flour 2 qts 70 cts - $ 45-70
9 Lead Bullets 1 lb Chewing Tobacco - (1 oz Tea Rose
[illegible] Cows 30 [illegible] 30 1 gt Molasses)
[illegible] 5 lbs Tea - 1 Soda
[illegible] 15 1 Pocket Knife
[illegible] 1 gal Molasses Dec 22
Jan 6 [illegible] 1 lb Flour
[illegible] 12 1 lb Tobacco
[illegible] 7 [illegible] 12 lb Flour
[illegible] Pork.
[illegible] Pepper & Salt.
[illegible] lb Coffee
[illegible] Tobacco 3 Matches
[illegible] Oil Lamp
[illegible] Drill 2 1/2 gals E. Oil
[illegible]
[illegible] Tobacco [illegible]
[illegible] gals Coal Oil - Pork Pepper Bread [illegible]
[illegible] lbs Tobacco 2 Matches

| | |
|---|---|
| | 2 [illegible] |
| | 7 [illegible] |
| | [illegible] |
| | [illegible] |
| | 35 |
| | [illegible] |
| | 2 [illegible] |
| | [illegible] |
| | 22 |
| | 1 [illegible] |
| | 35 |
| | 2 9 9 5 |
| | [illegible] |
| | [illegible] |
| | 29 [illegible] |
| | 1 42 |
| | 31 57 |
| | 25 [illegible] 7 87 |
| | [illegible] |

All seals credited on this page

# Amaka Reed

1 seal 2 Trips 2 Pups 2 seals
first bottom 6 barks [illegible] 1 seal, 2 seals
[illegible] 3 seals [illegible] 26-30 [illegible] / seal [illegible] seal
Dec 5th 3 seals Dec [illegible] seals [illegible] 15 [illegible]
(20 lbs Seal Meat Dec 22nd) Dec 27th 1 seal [illegible]
(20 Seals up to Jan 10th 98) 1 Dog [illegible]
[illegible] 657 lbs [illegible] 957 lbs Meat
Feb 24 28 Deer Skins May 26 ~~[illegible]~~

Seals [illegible]
Hide of Pup 15.00
[illegible]
12.20
[illegible]
[illegible]
[illegible]

All bartering

May 7 1 [illegible]
16 44 lbs Deer Meat @ 5 ct

Cost of Supplies Issued to the Transport

| | | |
|---|---|---|
| 25 Feb 1 Mules Rations | | |
| 5 days 1 lb Tea .12 1 lb Coffee .30 6 lb Sugar .30 1 Molasses .13 | | 1 73 |
| 1 Vinegar .22 2 Qts Pickles .45 1 Pint .23 1/2 Mustard .05 | | 75 |
| 2 days 2 .05 .70 .12 1 .44 .65 1 Pint .23 1 Pint Lime .16 | | 1 85 |
| 2 " 2 .05 .70 .12 1 do .65 1 Pint .15 1 Pint Vinegar .16 | | 1 67 |
| 1 Indian Pony 1 day .175 | 9 05 | 2 75 |
| 26 Feb | | |
| 2 days 25 cents 1 lb Flour (10 days) | | 1 41 |
| 4 do 1 lb Flour .10 1 lb Lard 1 Spices .50 | | 1 40 |
| 2 .05 | | 4 10 |
| 2 .60 | | 4 50 |
| 1 1 lb Flour .30 1 Spices .50 1 Soda .05 | | 1 05 |
| 1 " 4 Salt 3 .45 .70 | | 4 00 |
| 3 " 1 do 1 lb Tobacco 3 .45 .70 .5 .44 .320 .350 1 Matches | | 8 00 |
| 1 " 2 .45 .70 .320 1 Drums .80 | | 1 17 |
| 1 " 1 Bed .40 17 hours 2 .145 | | 40 |
| 1 " 1 Native E-Cha-wan-a | 1 30 14 | 2 12 |
| 3 Feb 2 days | | |
| 1 Dog Capt Smythe 1 Flour .6 .50 1 Corn .75 | | 5 11 |
| 1 " 1 Bed .40 Summer .35 .45 .70 | 1 90 | 1 25 |
| 1 " 1 lb Sh Flour .15 3 .45 .70 2 .15 .92 | | 7 22 |
| 1 Mated Horse | | 30 |
| 1 " 1 Sh Flour .15 | | 8 00 |
| 1 " 1 Sh Flour .15 | | 1 75 |
| 1 " 1 .45 .70 | | 1 |
| 1 " 1 .45 .70 1 lb Flour .15 1 Mules .11 | | 1 06 |
| 1 " 4 .45 .70 .44 | | 1 34 |
| 1 " 1 Tumbleweed Broom .25 | | 2 20 |
| 1 " 3 .45 .70 .5 .44 .320 .350 Pork .30 | | 5 60 |
| 1 " 1 Bed .40 1 Flour .15 | | 55 |
| 1 " 1 Bed | 27 76 | |
| 21 Trips of Boats On Page 185 | | 101 |

365
265
339
310
1376

Of Reed.

All Stuff sent to the Feeslers in Newport

Newport Reed 2 loads Coal 1194 lb
3 Trips " 3 " " 5051 [illegible] of this load lost
4 Trips 1875 5750
1 Load on Friday last — 2 1/2 tons —
200 lb Pork to Exchange for Bed - 2 tins of Molasses
50 lb Lead - 154 lb Corn - 22 lb Lead - 4-94 lb [illegible]
1 ea lead - 1 ea Powder - 1 ea Sugar - 1 ea Powder [illegible]
25 lb [illegible] (July 23rd 5 sks Flour - 12 tins Onions
12 bots Extracts - 10 pkgs Hops - 10 lbs Pepper Sauce
1 tin Mustard - Ginger & Allspice -)

Dogs [illegible]

Newport sent 2 5 lb Pepper - 2 do Mustard -
6 pkgs Hops - 6 bots Pepper Sauce -
2 tins Matches - ~~1 sack Clothing~~ - 1 large Seal
3 " Allspice - 1 do Ginger - 1 saddle Bags - 1 Seal [illegible]
2 5 lb [illegible] (Rec'd) 2 loads Coal
1125 lb - 2 Seal Sad Beef - 1st Cask marked 1197 lb -
1 Seal 6 Hams - 30 Hunts large Feb 1st 1 Seal
[illegible] - Mustard - (Rec 3 Seals) [illegible]
[illegible] 5 Seals 1 Box Coffee - 6 lbs [illegible] Feb [illegible]
1 Box Mustard - [illegible] (Rec 3 Seals) [illegible]
4 Casks - 1376 galls @ 3 41.28

Feeslers sent 2 5 lb tins Pepper - 2 do Mustard
6 Pkgs Hops - 6 bots Pep Sauce - 2 tins Matches
1/2 ~~sack of Clothing~~ - 1 dz Cards -

Recd on Acc

[illegible] Coal 131 lbs 1 Pail [illegible] 2 [illegible] Coffee
[illegible] 164 [illegible] Thimbles 1 [illegible] do
[illegible] 25 lbs Cork 1 Flour sifter.
[illegible] 2½ lbs coal [illegible] 131 lbs Coal
[illegible] 35

[illegible] 1 [illegible] 57 —
[illegible] Sold W. Lawrence 32 lbs Chewing Tobacco
77 — [illegible] 8 [illegible] Sold to Balance

Recd on Acc. [illegible] Balance

[illegible] 1 Bbl Flour 112 lbs
[illegible] 216 [illegible] Tobacco
[illegible] 25 [illegible]

List of Small Stores in Bonded Box Oct 18

From out the Rest 1 cx Peaches (m) - 1 do Green 46-
2 cx Sorrell cx (m) - 2 Ro Beef cx
2 cx Pri Fruit - III (m) 1 Pear Jell - 1 cx Tomatoes (m).
2 Ro Mutton. 1 Apples (m) 1 Peaches (m).
7-5 lbs Mustard 3 lbs - 12 Pk Pards - 1 cx Lime Juice
1 cx Apricots - (m) - Pepper 7 lbs 3 lbs (2 Tomato Ketchup
1 Pickles) Calvin Tea 1/2 1 Sk Beans 1 Sk Rice in Bag
2 Bxes Hops,

29½ Sks of Trade Flour used up to Nov 12
Nov 12, 1 Sk Flour 6-44 1,45-72 4 Bags 3 Pickles 3 Bags
" 7 - 1 " Flour.
15 - 1/2 " " 1/2 do 1/2 do
" 17 2 " " 1/2 " do - Nov 26, 1 do - 27 - 1 do
" 24 1 " - Dec 1st 1 Sk -
up to Dec 9 Traded 9 1/2 Sacks
32 Sacks more to trade calling the
time up to the 15 August. 24 Sks to
trade up to August 26 15
Dec 10 1 Sack Flour for 1 Ingram's Skin -
47 Sacks more to trade for coming to Lost Mouth
Dec 13 1 Sk Flour (Dec 14th 1 do - Dec 18th 2 do
Dec 20 2 " " 7 for 137 lbs Bacon Dec 20th 1 do
" 22 7 for 137 lbs Bacon 1 Flour - Dec 23rd 3 lbs Flour
Dec 25 20 lbs Flour - Dec 26 2 Sks Flour - 28 - 1 do to Lost
Mouth 1 - Flour - Jan 4 - 2 Sks do

Oct 2d 1 Shot Gun 43 Shells - 1 small arm - 1 do Cap & Ball
Received 21 - 50 -
Settled

Returns Traded Oct 13 Page 187
1 Pair Bond 3 yds Molen 1/2 Tea 10 pounds
1 Pair Buffalo 2 - 44s cards - 22 Fish 2 1/2
1 Pair Medell Thread
1 Gal Molasses 3 - Tobacco -
1 Quilt 5 yds - 1 Pound Tea
30 lbs 1/2 saddle Bacon
Large - Grouse - 1 Flour
Small Wood - 50 Small
Bonnet - 1 Antique Tomatoes - Thread -
Bacon Wool 1 saddle 1 Hides - 37 lbs 3 Lines 9 lbs
3 - 45 - 60 - 1 lb Tea 1 gal Molasses -
Flour 1 Scraps
Bacon Wool - 1 Flour 1 gal
1 Pair Large Lion - 1 Sh Flour 2 - 45 - 60 Page 187

Lewis White Diego 11

1195

Arrival Image

[illegible] 39-[illegible] 30-20-45. [illegible] 7 60

Wife Soldiers for Boots - Escaped 4 days Rain. Hid on Island

Spirit River - [illegible] 1 Dog 1 Sl. 2 Dogs

left 16 Hours with Sled [illegible] 24 Hours

" 25 Feet 1 Hours - 26 00 Sled left [illegible] 1 [illegible]

Wife 25 lbs - Max of 3 [illegible]

Sept 1 - 45 Cartridges (Old) 10 00 end. 4 lb Flour 4 00

3 sack Flour - 1 for woman Food - 1 lb Fried 1 Tea

1 Axe 1 Drill 1 Jack knife 1 Pipe 1 Pen

1 Axe 1 Mile Axe 1 File 1 Bread knife 1 Flour

1 Blanket (Sled) 29 00 - Bag Flour - Bag Tea

2 45 Molasses 1 Axe 2 45 70 Molasses

1 45-70 lb use - 9 lb Lead - 1 lb Powder - 1 Lead [illegible]

1 lb Tobacco - 3 [illegible] - 1 - 45-70 [illegible]

1 lb Sal Flour - 1 lb Tobacco 1 00 29. 1 Jack [illegible]

1 Blanket - 1 [illegible] 29 00 Drill. [illegible]

Pay 11 lb 2 lb Powder 1 Lead 1 for Pemmican 7. 1 Staff

[illegible] Drawing Sticks [illegible]

[illegible]

Made for 10 Lead - 1 lb Powder. Max 3 lb [illegible]

2 Cases 45-70 cards.

[illegible] 1896 (Brand) 360 Gals

[illegible] 7th 1896

[illegible] 15 – Coats 2 – Pants 09
[illegible] 14 – [illegible] 14 – [illegible] 16
[illegible] 1 day – [illegible] 5 Blankets [illegible] 12 Pairs
[illegible]

[illegible] 1304 gals contains – 1 [illegible] 1 [illegible]
[illegible] 1 [illegible] [illegible]

(Oil)

[illegible] 1 Sealskin – 2 Seal Skin [illegible] Sm
2 Bonger Skin Coats. 2 Heavy Deer Skin Coats
1 Deer leg Shirt. 5 [illegible] 1 Beaver Skin robe
[illegible]

[illegible] Marked [illegible] contains – 1 Sack Beans –
[illegible] 1 Badger Skin [illegible] – 1 [illegible]
[illegible] Coffee – 2 [illegible] Matches

[illegible] Scrap Iron – 13 Pint Bottles
2 Leather [illegible] Cases – 11 Qrt Paint Brushes
[illegible] 1 pair Gloves –

44 Cartridge Case Centers – 9 Hold Lamps
[illegible] Boat Rudder Rowlocks – 6 do Pinnies

[illegible] Contains – 70 Boots – 6 Seal [illegible]
[illegible] Deer Skins – 1 Bale do 14 – 5 Hats – [illegible]
June 23rd 1896

Left 22 [illegible]
[illegible] Cartridge Case Centers
[illegible] Lamps – 1 Set Rudder [illegible]
[illegible] – [illegible]

1 Havolls Skins & Boots &c

44 Rifle — 1 44 Carbine — 25 ds Re Tools

Blankets — 1 Sack

Bear Pants — 1 Deer Vest — 1 Seal Pants —

Deer Shirt — 1 Muskrat Shirt — 1 Deer Boots

1 Sack of Boots & Mitten under Sofa

1 Bag Boots — one Horns & Pitcher

Slops value sold up to April 11 $10.50 Left 365.60

## COMPOUND INTEREST ON ONE DOLLAR FOR 100 YEARS.

| Amount. | Years. | Per cent. | Accumulation. | Amount. | Years. | Per cent. | Accumulation. | Amount. | Years. | Per cent. | Accumulation. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| $1 | 100 | 1 | $2 75 | $1 | 100 | 4½ | $81.25 | $1 | 100 | 10 | $13,809.00 |
| 1 | 100 | 2 | 7 25 | 1 | 100 | 5 | 131.50 | 1 | 100 | 12 | 84,675 00 |
| 1 | 100 | 2½ | 11 75 | 1 | 100 | 6 | 340.00 | 1 | 100 | 15 | 1,174,405.00 |
| 1 | 100 | 3 | 19.25 | 1 | 100 | 7 | 868.00 | 1 | 100 | 18 | 15,145,007.00 |
| 1 | 100 | 3½ | 3 25 | 1 | 100 | 8 | 2,203.00 | 1 | 100 | 24 | 2,551,799,404.09 |
| 1 | 100 | 4 | 50 50 | 1 | 100 | 9 | 5,543 00 | | | | |

## YEARS WHICH A GIVEN AMOUNT WILL DOUBLE AT SEVERAL RATES OF INTEREST.

| Rate. | At Simple Interest. | At Compound Interest. | | | Rate. | At Simple Interest. | At Compound Interest. | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Comp'ded Yearly. | Comp'ded Semi-Annually. | Comp'ded Quarterly. | | | Comp'ded Yearly. | Comp'ded Semi-Annually | Comp'ded Quarterly. |
| 1 | 100 years | 69 666 | 69.487 | 69.400 | 6 | 16.67 | 11.896 | 11.725 | 11.639 |
| 1½ | 66 66 | 46.556 | 46.382 | 46.298 | 6½ | 15.38 | 11 007 | 10.836 | 10.750 |
| 2 | 50.00 | 35.004 | 34.830 | 34.743 | 7 | 14.29 | 10.245 | 10.075 | 9.989 |
| 2½ | 40.00 | 28.071 | 27.899 | 27.812 | 7½ | 13.33 | 9.585 | 9,914 | 9.328 |
| 3 | 33.33 | 23.450 | 23.278 | 23.191 | 8 | 12.50 | 9.000 | 8.837 | 8.751 |
| 3½ | 28.57 | 20.150 | 19.977 | 19.890 | 8½ | 11.76 | 8.497 | 8.346 | 8.241 |
| 4 | 25.00 | 17.673 | 17 502 | 17.416 | 9 | 11.11 | 8 043 | 7.874 | 7.788 |
| 4½ | 22.22 | 15.748 | 15.576 | 15 490 | 9½ | 10 52 | 7.638 | 7.468 | 7.383 |
| 5 | 20 00 | 14 207 | 14.036 | 13.946 | 10 | 10.00 | 7.273 | 7.121 | 7.026 |
| 5½ | 18 18 | 12.916 | 12.775 | 12 686 | 12 | 8.34 | 6.110 | .... | ..... |

# POSTAL INFORMATION. Gone back to the Gallery

*Revised March, 1894, at the New York Post Office.*

**Domestic Rates of Postage.**—All mailable matter for transmission by the United States mails is divided into four classes, under the following regulations:

**First-class Matter.**—This class includes letters, postal cards and anything sealed or otherwise closed against inspection, or anything containing writing not allowed as an accompaniment to printed matter, under class three. Rates of letter postage to any part of the United States, *two cents per ounce or fraction thereof.* Rates on local or drop letters at free delivery offices, two cents per ounce or fraction thereof. At offices where there is no free delivery by carriers, one cent per ounce or fraction thereof. Rates on postal cards, one cent. Nothing must be added or attached to a postal card, except that a printed address slip may be pasted on the address side The addition of anything else subjects the card to letter postage. A card containing any offensive dun or any scurrilous or indecent communication will not be forwarded. Nothing but the address must be placed on the face, or stamped side. Rates on specially delivered letters, ten cents on each letter in *addition* to the regular postage. Prepayment by stamps invariably required. Postage on all letters should be *fully* prepaid, but if prepaid one full rate and no more, they will be forwarded, and the amount of deficient postage collected on delivery; if wholly unpaid, or prepaid with less than one full rate, and deposited at a post-office, the addressee will be notified to remit postage, and if he fails to do so, they will be sent to the Dead Letter Office; but they will be returned to the sender if he is located at the place of mailing, and if his address be printed or written upon them. Letter rates are charged on all productions by the typewriter or manifold process. Letters (but no other class of mail matter) will be returned to the sender free, if a request to that effect is printed or written on the envelope. There is no limit of weight for first-class matter Prepaid letters will be reforwarded from one post-office to another upon the written request of the person addressed, without additional charge for postage. The direction on forwarded letters may be changed as many times as may be necessary to reach the person addressed.

**Second-class Matter.**—This class includes all newspapers, periodicals or matter exclusively in print and regularly issued at stated intervals as frequently as four times a year, from a known office of publication or news agency, to actual subscribers or news agents, and transient newspapers and publications of this character mailed by persons other than publishers. Rates of postage to publishers, *one cent a pound or fractional part thereof*, prepaid by special stamps. Publications designed primarily for advertising or free circulation, or not having a legitimate list of subscribers, are excluded from the pound rate, and pay third-class rates Rates of postage on transient newspapers, magazines or periodicals, *one cent for each four ounces or fraction thereof.* It should be observed that the rate is one cent for each four ounces, not one cent for each paper. These rates do not apply for transient publications mailed for local delivery by carriers at a Free Delivery Office. Second-class matter will be entitled to special delivery when special delivery ten cent stamps are affixed in addition to the regular postage. Transient second-class matter must be so wrapped as to enable the postmaster to inspect it. The sender's name and address may be written in them, but any other writing subjects the matter to letter postage. The name and address of the sender may also be written on the wrapper.

**Third-class Matter.**—Mail matter of the third class include printed books, pamphlets, engravings, circulars (in print or by the hectograph, electric pen or similar process), and other matter wholly in print, proof-sheets, corrected proof-sheets and manuscript copy accompanying the same. The rate on matter of this class is *one cent for each two ounces or fraction thereof.* The limit of weight is four pounds, except single books in separate packages, on which the weight is not limited It is entitled, like matter of the other classes, to special delivery when special delivery stamps are affixed in addition to the regular postage. The name and address of the sender, preceded by the word "from," may be written upon the package, and a simple manuscript dedication may appear in a book or upon the article enclosed.

**Fourth-class Matter.**—Fourth-class matter is all mailable matter not included in the three preceding classes, which is so prepared for mailing as to be easily withdrawn from the wrapper and examined. It embraces merchandise and samples of every description, and coin or specie. Rate of postage, *one cent for each ounce or fraction thereof* (except seeds, roots, bulbs, cuttings, cions and plants, the rate on which is *one cent for each two ounces or fraction thereof*). This matter must be fully prepaid, or it will not be forwarded. The affixing of special delivery ten-cent stamps in addition to the regular postage entitles fourth-class matter to special delivery.

**Registration.**—All kinds of postal matter, *except second-class matter*, can be registered at the rate of *eight cents for each package* in addition to the regular rates of postage, to be fully prepaid by stamps Each package must bear the name and address of the sender, and a receipt will be returned from the person to whom addressed. Mail matter can be registered at all post-offices in the United States. The Post-Office Department or its revenue is not by law liable for the loss of any registered mail matter.

**Domestic Money Orders.**—Domestic money orders are issued by money-order post-offices for any amount up to $100, at the following rates: For sums not exceeding $5, five cents; for $5 to $10, eight cents; for $10 to $15, ten cents; for $15 to $30, fifteen cents; for $30 to $40, twenty cents; for $40 to $50, twenty-five cents; for $50 to $60, thirty cents; for $60 to $70, thirty-five cents; for $70 to $80, forty cents; for $80 to $100, forty-five cents. When more than $100 is required, additional orders must be obtained, but not more than three orders will be issued in one day to the same payee, payable at the same office.

**Postal Notes.**—These will be issued for sums less than $5, for a fee of three cents, and are payable to any person presenting them either at the office designated on the note or at the office of issue within three months of date of issue.

# INTEREST LAWS AND STATUTES OF LIMITATIONS.

| States and Territories. | Interest Laws. Legal Rate. | Interest Laws. Rate allowed by Contract. | Statutes of Limitations. Judgments, Years. | Statutes of Limitations. Notes, Years. | Statutes of Limitations. Open Accounts, Years. |
|---|---|---|---|---|---|
| | *p'r ct.* | *per ct.* | | | |
| Alabama | 8 | 8 | 20 | 6 | 3 |
| Arkansas | 6 | 10 | 10 | 5 | 3 |
| Arizona | 7 | Any rate. | 5 | 3 | 2 |
| California | 7 | Any rate. | 5 | 4 | 2 |
| Colorado | 8 | Any rate. | 6 | 6 | 6 |
| Connecticut | 6 | * | | 6 | 6 |
| Delaware | 6 | 6 | 20 | 6 | 3 |
| Dist. of Columbia | 6 | 10 | 12 | 3 | 3 |
| Florida | 8 | 10† | 20 | 5 | 2 |
| Georgia | 7 | 8 | 7 | 7 | 4 |
| Idaho | 10 | 18 | 6 | 6 | 3 |
| Illinois | 5 | 7 | 7 | 10 | 5 |
| Indiana | 6 | 8 | 10 | 10 | 6 |
| Iowa | 6 | 8 | 10 | 10 | 5 |
| Kansas | 6 | 10 | 5 | 5 | 2 |
| Kentucky | 6 | 8 | 15 | 15 | 5 |
| Louisiana | 5 | 8 | 10 | 5 | 3 |
| Maine | 6 | Any rate. | 20 | 6 | 6 |
| Maryland | 6 | 6 | 12 | 3 | 3 |
| Massachusetts | 6 | Any rate. | 20 | 6 | 6 |
| Michigan | 6 | 8 | 6 | 6 | 6 |
| Minnesota | 7 | 10 | 10 | 6 | 6 |
| Mississippi | 6 | 10 | 7 | 6 | 3 |
| Missouri | 6 | 8 | 20 | 10 | 5 |
| Montana | 10 | Any rate. | 6 | 6 | 2 |
| Nebraska | 7 | 10 | 5 | 5 | 4 |
| Nevada | 7 | Any rate. | 6 | 6 | 4 |
| New Hampshire | 6 | 6 | 20 | 6 | 6 |
| New Jersey | 6 | 6 | 20 | 6 | 6 |
| New Mexico | 6 | 12 | 15 | 6 | 4 |
| New York | 6 | 6‡ | 20 | 6 | 6 |
| North Carolina | 6 | 8 | 10 | 3 | 3 |
| North Dakota | 7 | 10 | 20 | 6 | 6 |
| Ohio | 6 | 8 | 5 | 15 | 6 |
| Oklahoma | 7 | 12 | .. | .. | .. |
| Oregon | 8 | 10 | 10 | 6 | 1 |
| Pennsylvania | 6 | 6 | 5 | 6 | 6 |
| Rhode Island | 6 | Any rate. | 20 | 6 | 6 |
| South Carolina | 7 | 8 | 10 | 6 | 6 |
| South Dakota | 7 | 12 | 20 | 6 | 6 |
| Tennessee | 6 | 6 | 10 | 6 | 6 |
| Texas | 8 | 12 | 10 | 4 | 2 |
| Utah | 10 | Any rate. | 5 | 4 | 2 |
| Vermont | 6 | 6 | 6 | 6 | 6 |
| Virginia | 6 | 6 | 10 | 5 | 2 |
| Washington | 10 | Any rate. | 6 | 6 | 3 |
| West Virginia | 6 | * | 10 | 10 | 5 |
| Wisconsin | 7 | 10 | 20 | 6 | 6 |
| Wyoming | 12 | Any rate. | 5 | 5 | 4 |

* No usury, but over 6 per cent. cannot be collected by law. † Not to exceed 10 per cent. ‡ New York has by a recent law legalized any rate of interest on call loans of $5,000 or upward, on collateral security.

## DOMESTIC WEIGHTS AND MEASURES.

**Apothecaries' Weight:** 20 grains=1 scruple; 3 scruples=1 dram; 8 drams=1 ounce; 12 ounces 1 pound.

**Avoirdupois Weight** (short ton): 27 11-32 grains=1 dram; 16 drams=1 ounce; 16 ounces=1 pound; 25 pounds=1 quarter; 4 quarters=1 cwt.; 20 cwt =1 ton.

**Avoirdupois Weight** (long ton): 27 11-32 grains=1 dram; 16 drams=1 ounce; 16 ounces=1 pound; 112 pounds=1 cwt.; 20 cwt.=1 ton.

**Troy Weight:** 24 grains=1 pennyweight; 20 pennyweights=1 ounce; 12 ounces=1 pound.

**Circular Measure:** 60 seconds=1 minute; 60 minutes=1 degree; 30 degrees=1 sign; 12 signs=1 circle.

**Cubic Measure:** 1,728 cubic inches=1 cubic foot; 27 cubic feet=1 cubic yard.

**Dry Measure:** 2 pints=1 quart; 8 quarts=1 peck; 4 pecks=1 bushel.

**Liquid Measure:** 4 gills=1 pint; 2 pints=1 quart; 4 quarts=1 gallon; 31½ gallons=1 barrel; 2 barrels=1 hogshead.

**Long Measure:** 12 inches=1 foot; 3 feet=1 yard; 3½ yards=1 rod or pole; 40 rods=1 furlong; 8 furlongs=1 statute mile; 3 miles=1 league.

**Mariners' Measure:** 6 feet=1 fathom; 120 fathoms=1 cable length; 7½ cable lengths=1 mile; 5,280 feet=1 statute mile; 6,085 feet=1 nautical mile.

**Square Measure:** 144 square inches=1 square foot; 9 square feet=1 square yard; 30¼ square yards=1 square rod or perch; 40 square rods=1 rood; 4 roods=1 acre; 640 acres=1 square mile; 36 square miles (6 miles square)=1 township.

**Time Measure:** 60 seconds=1 minute; 60 minutes=1 hour; 24 hours=1 day; 7 days=1 week; 365 days=1 year; 366 days=1 leap year.

## FOREIGN MONEYS.

**English Money:** 4 farthings=1 penny (*d*); 12 pence=1 shilling (*s*); 20 shillings=1 pound (£).
**French Money:** 10 centimes=1 decime; 10 decimes=1 franc.
**German Money:** 100 pfennigs=1 mark.
**Russian Money:** 100 copecks=1 rouble.
**Austro-Hungarian Money:** 100 kreuzer=1 florin.

## BUSINESS LAW IN DAILY USE.

The following compilation of business law contains the essence of a large amount of legal verbiage:

If a note is lost or stolen, it does not release the maker; he must pay it, if the consideration for which it was given and the amount can be proven.

Notes bear interest only when so stated.

Principals are responsible for the acts of their agents.

Each individual in a partnership is responsible for the whole amount of the debts of the firm, except in cases of special partnership.

Ignorance of the law excuses no one.

The law compels no one to do impossibilities.

An agreement without consideration is void.

A note made on Sunday is void.

Contracts made on Sunday cannot be enforced.

A note by a minor is void.

A contract made with a minor is void.

A contract made with a lunatic is void.

A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

It is a fraud to conceal a fraud.

Signatures made with a lead pencil are good in law.

A receipt for money is not always conclusive.

The acts of one partner bind all the rest.

"Value received" is usually written in a note, and should be, but is not, necessary. If not written it is presumed by the law, or may be supplied by proof.

The maker of an "accommodation" bill or note (one for which he has received no consideration, having lent his name or credit for the accommodation of the holder) is not bound to the person accommodated, but is bound to all other parties, precisely as if there was a good consideration.

No consideration is sufficient in law if it be illegal in its nature.

Checks or drafts must be presented for payment without unreasonable delay.

Checks or drafts should be presented during business hours, but in this country, except in the case of banks, the time extends through the day and evening.

If the drawee of a check or draft has changed his residence, the holder must hold due or reasonable diligence to find him.

If one who holds a check as payee or otherwise transfers it to another, he has a right to insist that the check be presented that day, or, at the farthest, on the day following.

A note indorsed in blank (the name of the indorser only written) is transferable by delivery, the same as if made payable to bearer.

If the time of payment of a note is not inserted, it is held payable on demand.